

*The*

RED SPOT

# REVIEW

FOR THE MEN AND WOMEN OF MOFFATS

*E. Reid*

JANUARY 1947

# *The* RED SPOT REVIEW



Published by and for the Men and Women of Moffats Limited, Weston.

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## *Cover*



Our cover this month is a copy of an original oil painting by Betty Garrison, of the Drafting Office. The original painting is a beautiful highly colored scene. Oil painting is Betty's hobby, on which she spends many pleasant hours. Thank you Betty!

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## STOP THE PRESS NEWS



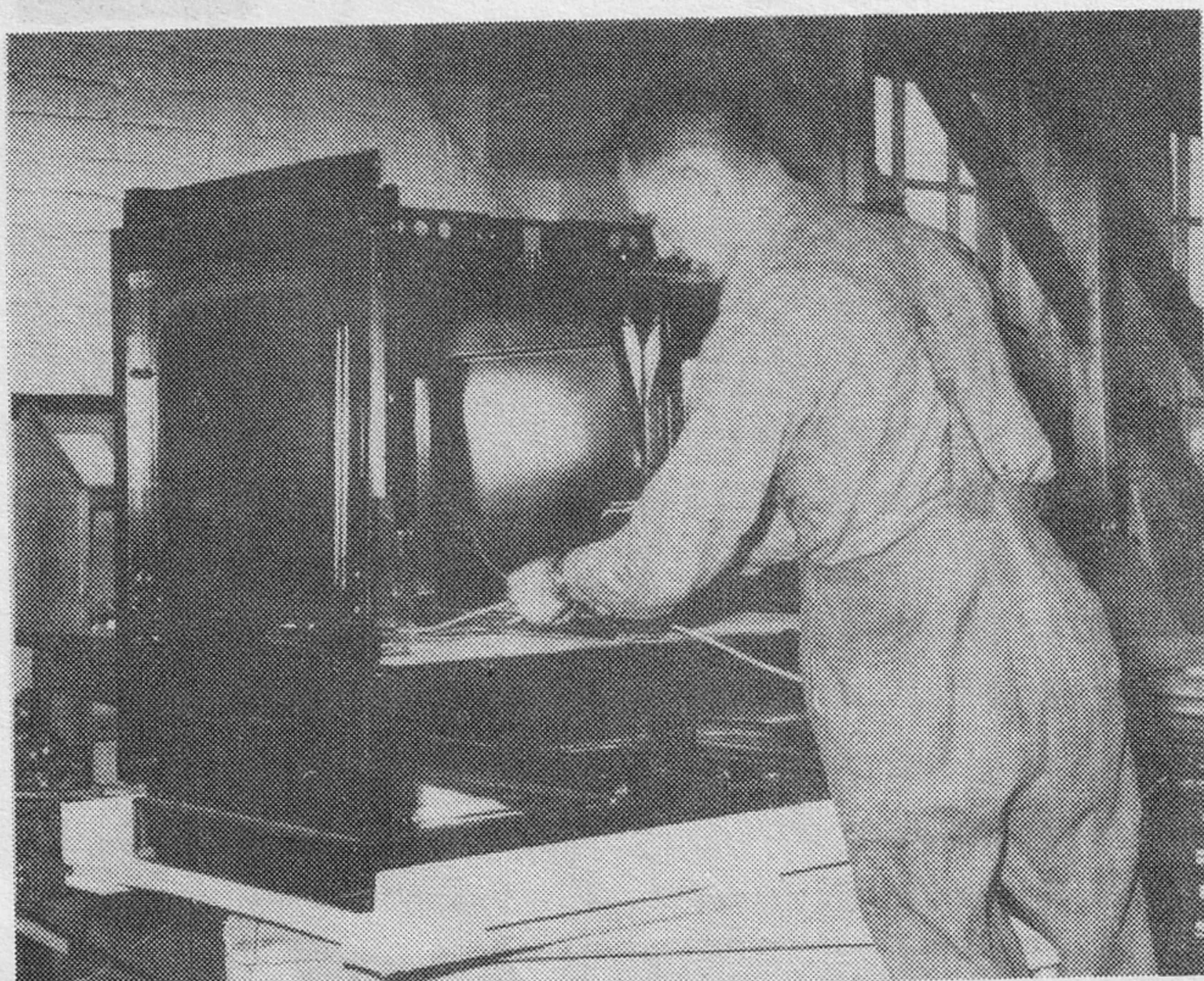
Thursday, January 16th we bade bon voyage for a brief time to a very well known and popular personality here in the plant . . . Norm Moffat. Norm is making a short business trip to England. Norm regretted the fact he was unable to personally say "au revoir" to everyone. We here in the plant do, through the medium of this magazine, wish Norm a safe and speedy return. Give our best to the gang at Blackburn, Norm!

## starring the Electric Line

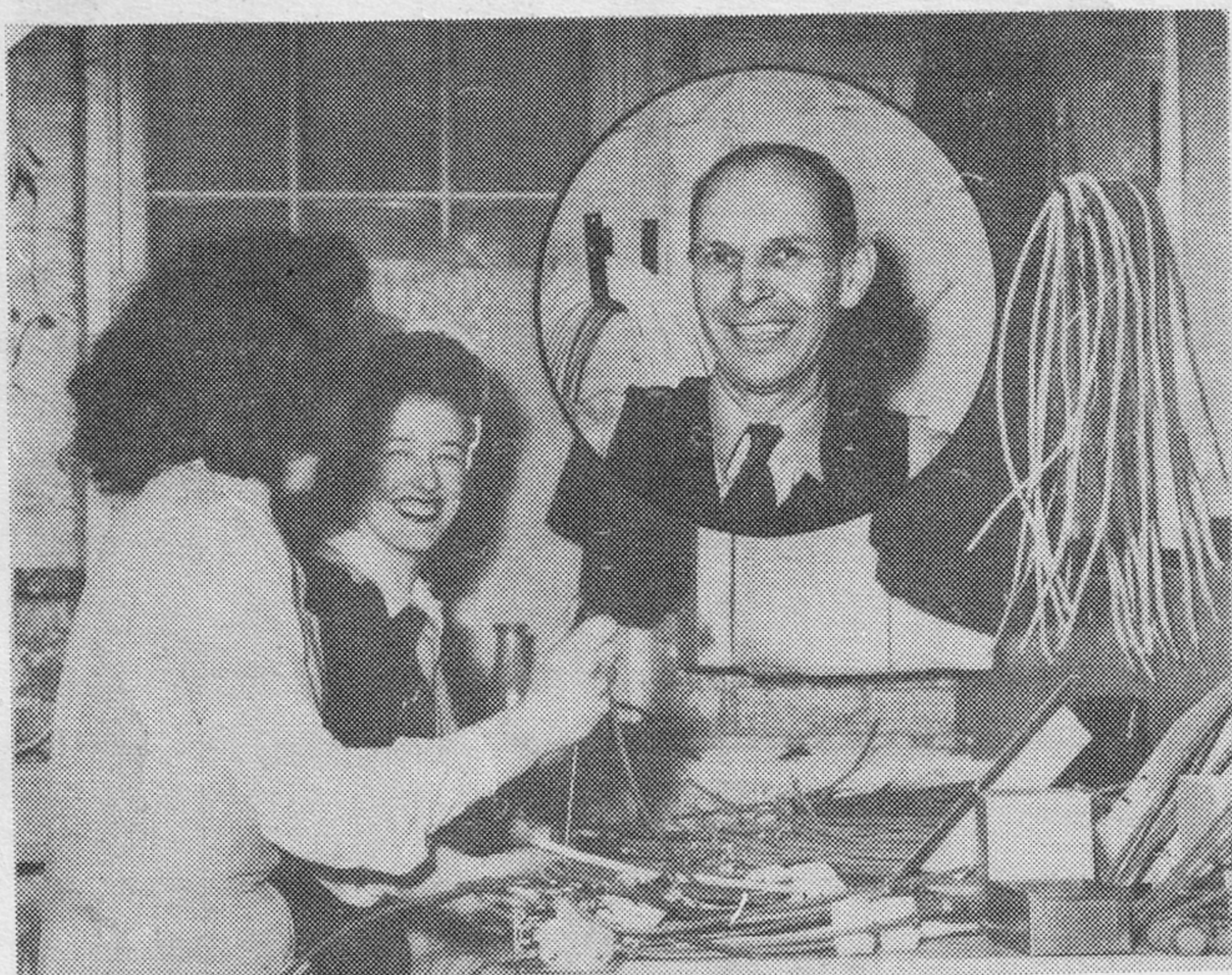


For our story this month we would like to take you on an observation tour through the Main Assembly Department to the Electric Line where the products of many other Assembly Lines converge to make a new series of electric ranges. We will see how each operation adds to the ultimate result of a beautiful white range from a rugged steel chassis.

Some operations may seem monotonous or minor, but if they are not handled with care and knowledge, the finished product would be inferior.



The steel chassis received a protective coating of black enamel in the Dipping Room and from there slides down to the Assembly Line, where it is placed onto a roller conveyor. First it acquires a wooden base, on which it will slide until it is a completed range, and goes into the Crating Room, where it becomes part of the bottom of the crate. Pat Chapman already had the base bolted on and is seen here putting the main terminal block and fuse blocks into place.

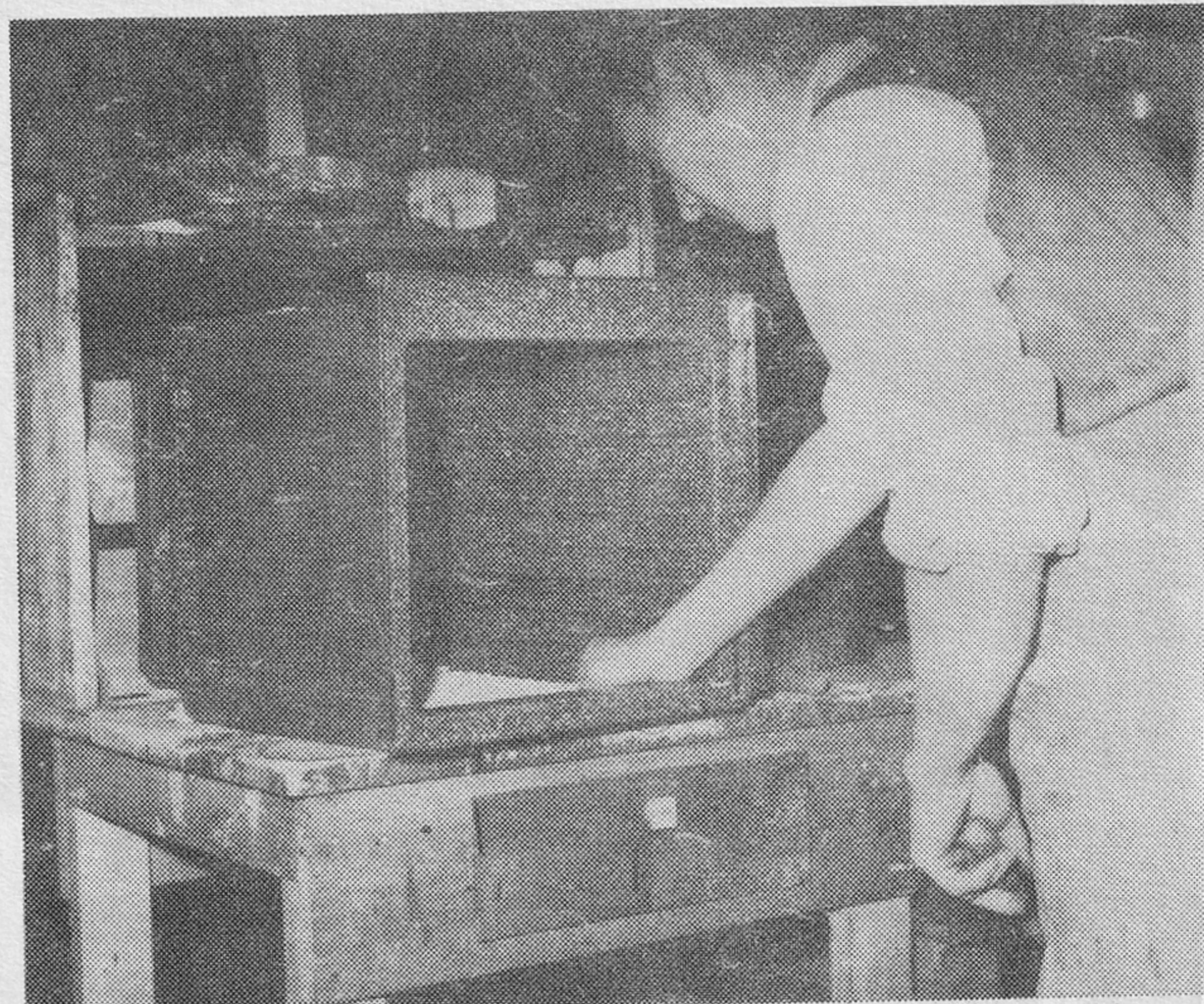


Every country has different wiring and electrical requirements due to the type of service. Different provinces and even different towns in the same province have a variety of electrical specifications, so that each one of these presents a problem of its own when it comes to the proper wiring in a range.

The wiring of the switches and fuse blocks is done in the Wiring Department under the expert supervision of Harry Martin. Harry, who has been with the firm over 25 years, knows most of the requirements and wiring "hook ups" off by heart. Harry Martin in circle.

Here we see Minnie Poole and Pat Edmunds wiring some switches which must be wired by the proper colors because when the wires are attached to the elements etc. the person will depend on the color of the wire for the correct wiring. Other than this the test board will find the short circuit.

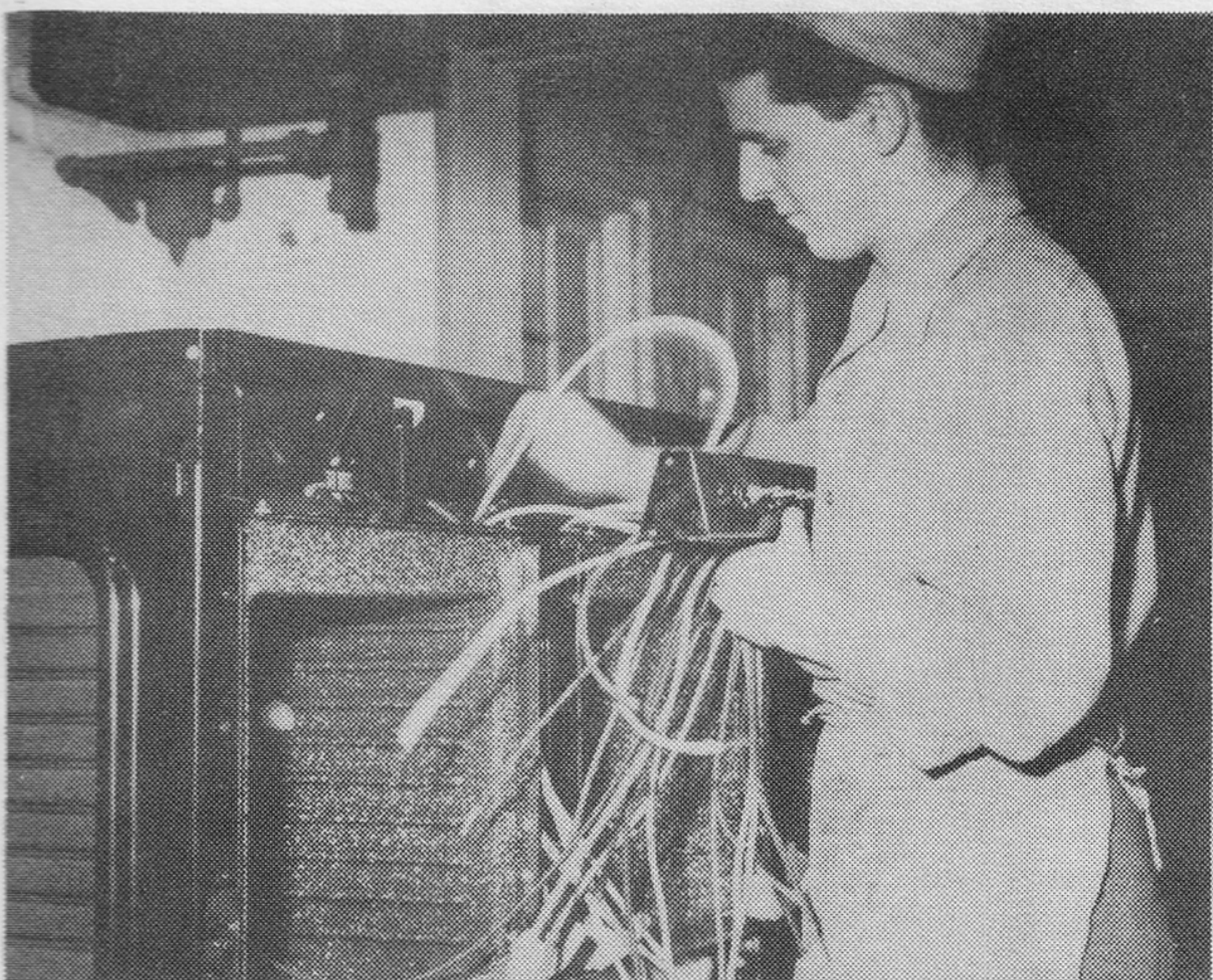
The chassis moves along to Joe McKenny, who assembles and screws on the oven door hinges. These hinges are constructed for durability and usefulness, and Joe knows the hinges inside out.



Oven elements are fastened into the oven shell Jim Foulds, before being built into the range.



The large white blanket of spun glass is placed the chassis by Frank "Scotty" Smith, who then fastens the oven shell to the body. Although called "Scotty" Frank puts plenty insulation wool around the oven assure no loss of heat in the oven.



There are many many wires from the main switch bar as can be seen by the picture. Eric Twyman puts the main switch bar into place and knows where all these wires must go.

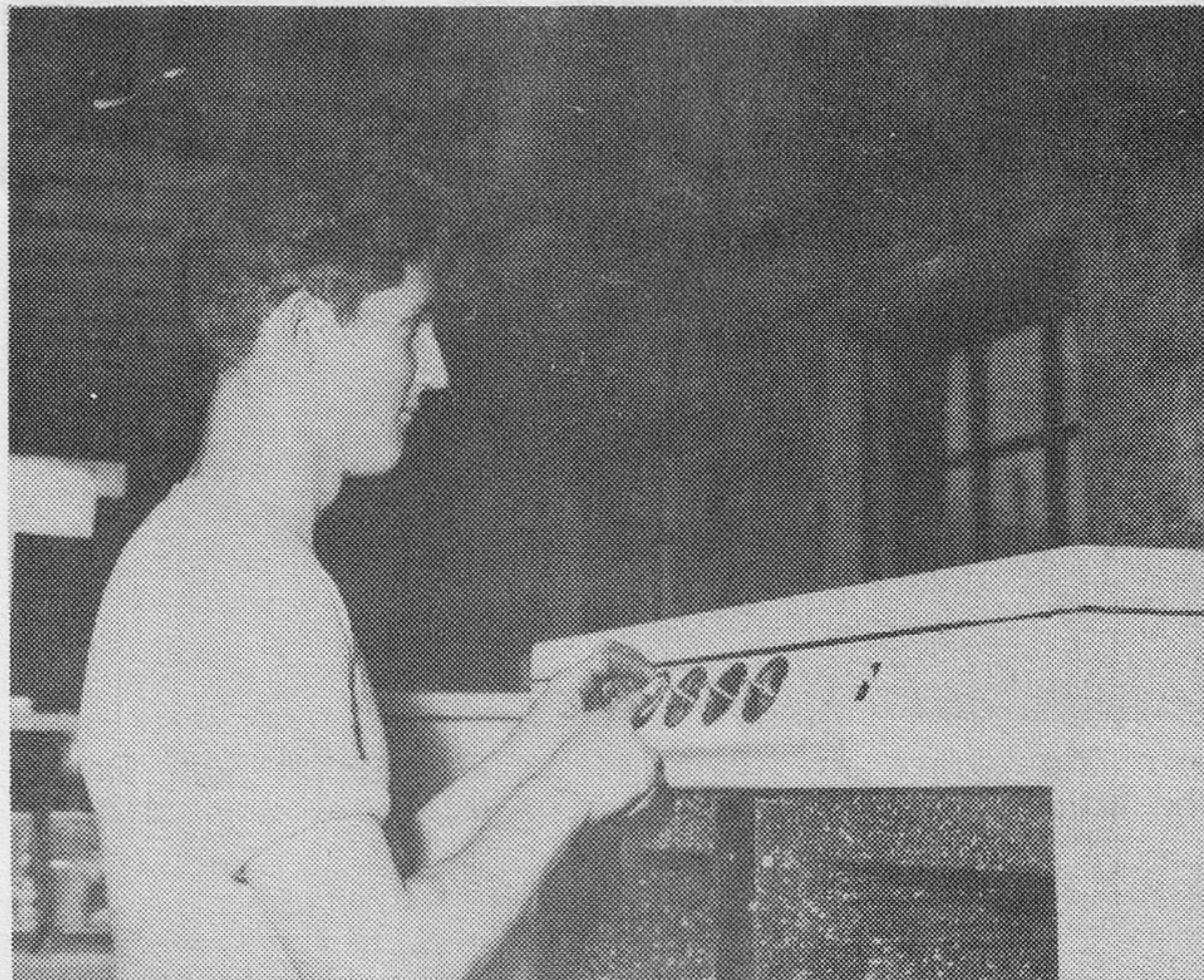


Clare Francis looks worried but perhaps it was the photographer that caused such a frown and not the burner rings which he is assembling.

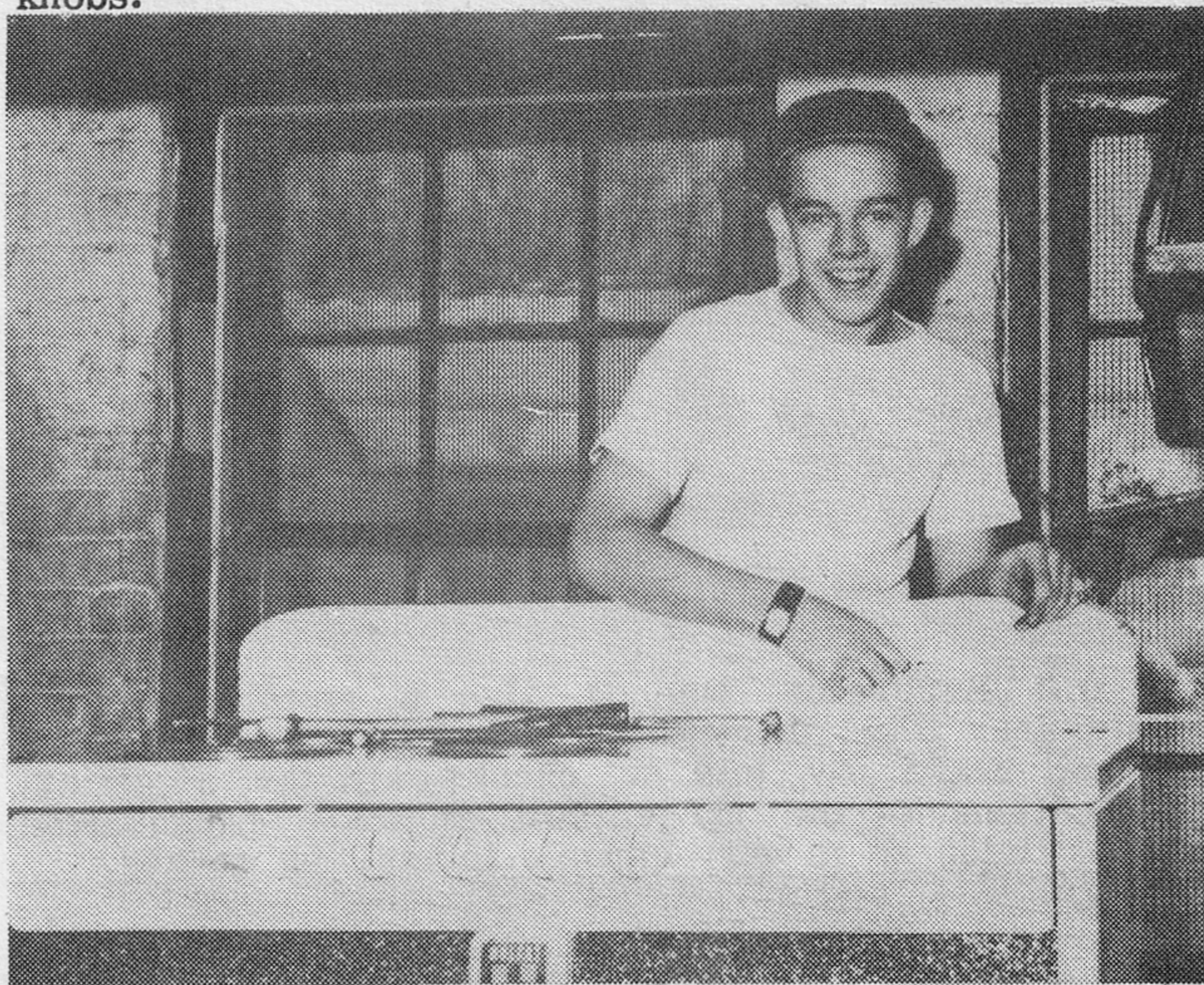


The cooking top and side panels are now ready to assume their roll in the General Assembly. They are bolted to the chassis by Bill Higgins Jr. These give the chassis more of the appearance of a range as is usually

seen in the kitchen, although there are many more operations before it is complete. The Red Spot elements will also be in the cooking top before the range leaves Bill's care.



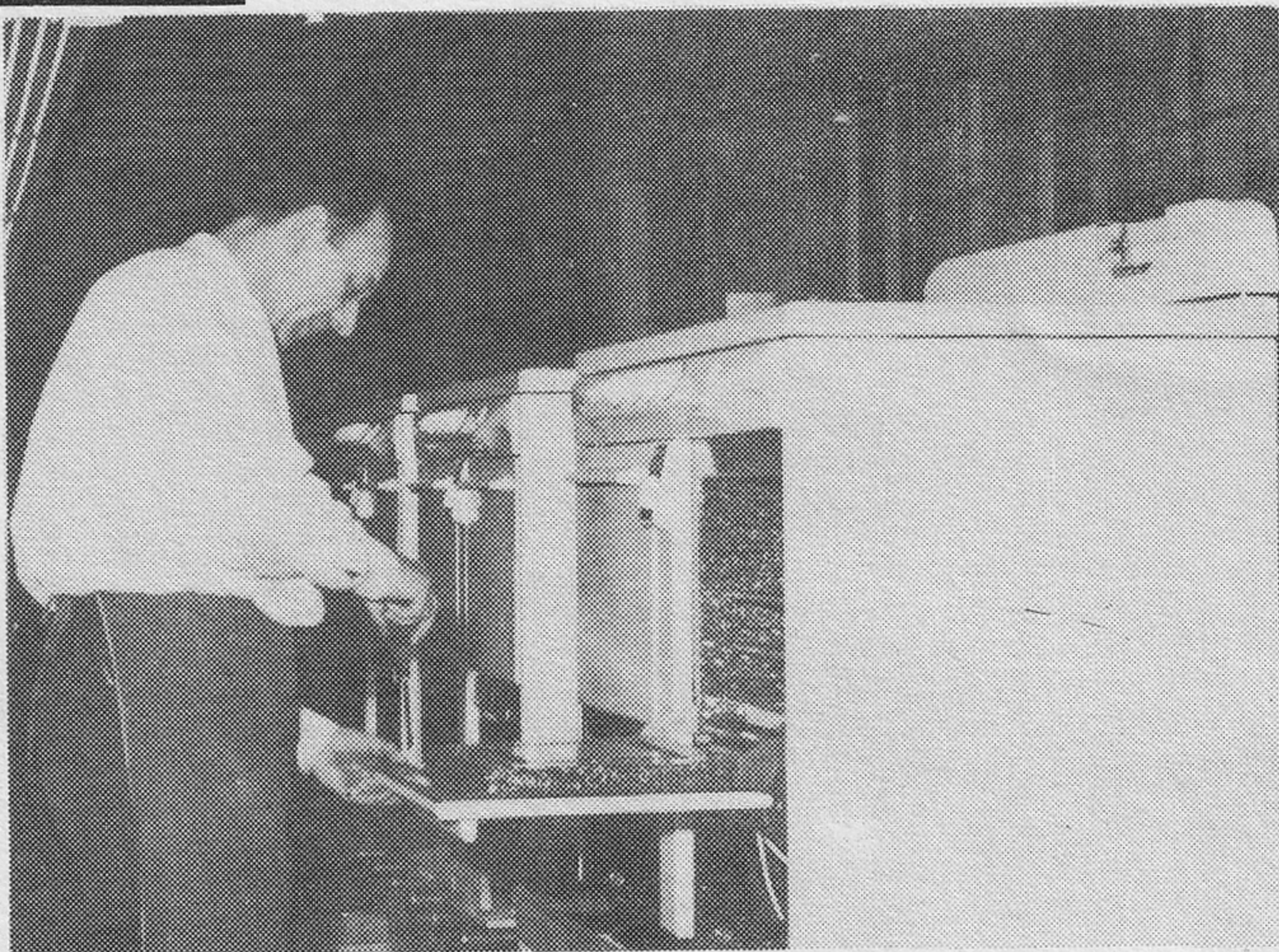
Here we caught Frank Asselin slipping in the new streamlined tilted switch panels, the switch dials and knobs.



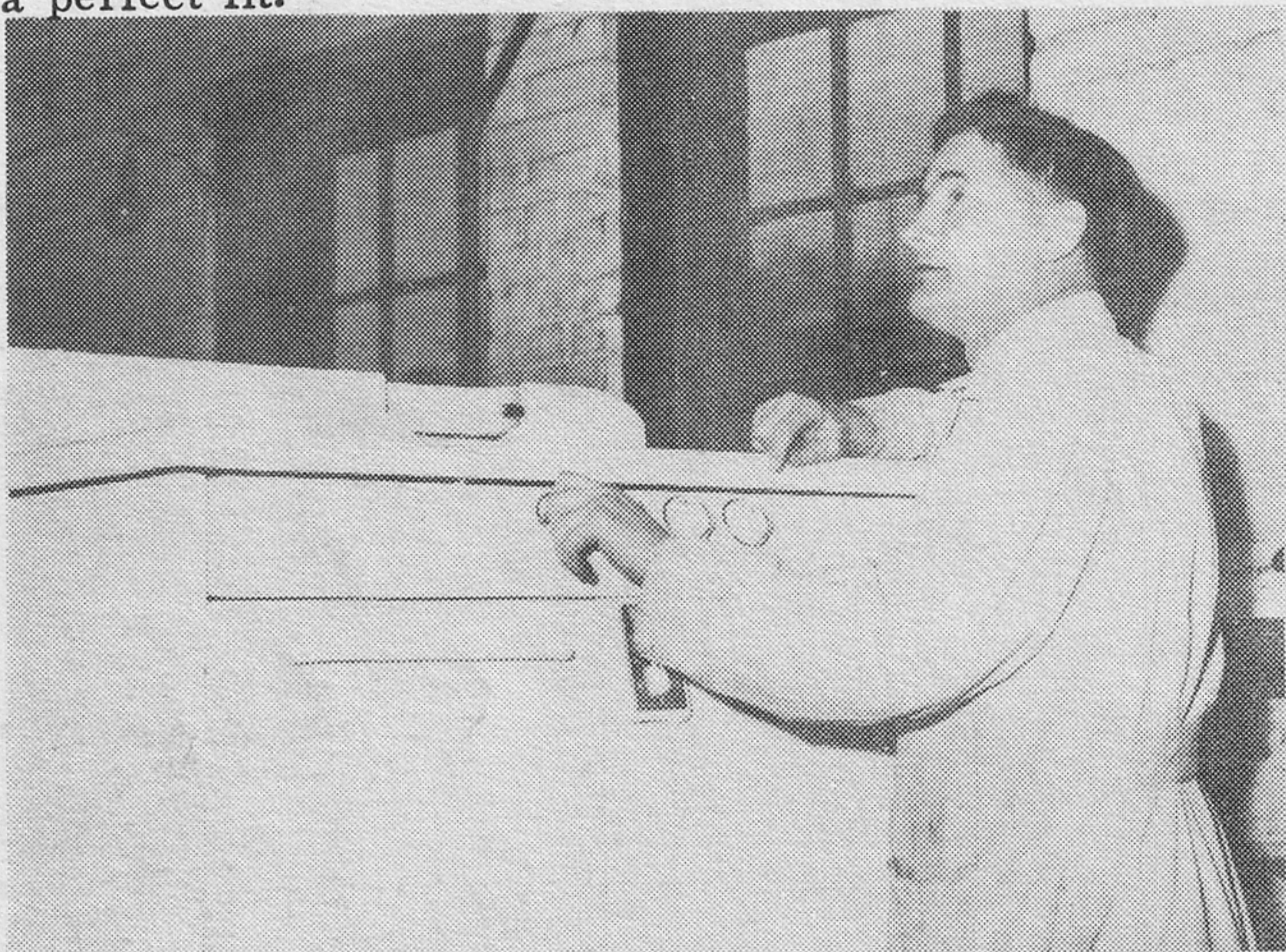
An ultra modern cresting and Syncrochime Control are bolted into place by Ken Grimoldby, who seems quite pleased about it all.



The oven door, which contains more glass insulation wool and fitting strip which must fit is assembled here by Bert Allan.



The doors are then put into place by Jack Dault, who adjusts them to within paper thin accuracy of being a perfect fit.



Bill Burlington, who is also a member of the Twenty Year Club, turns the switch knobs as he watches the test board. By this he checks all the electrical specifications of the range. Bill knows a range from start to finish so is very capable to test the ranges.

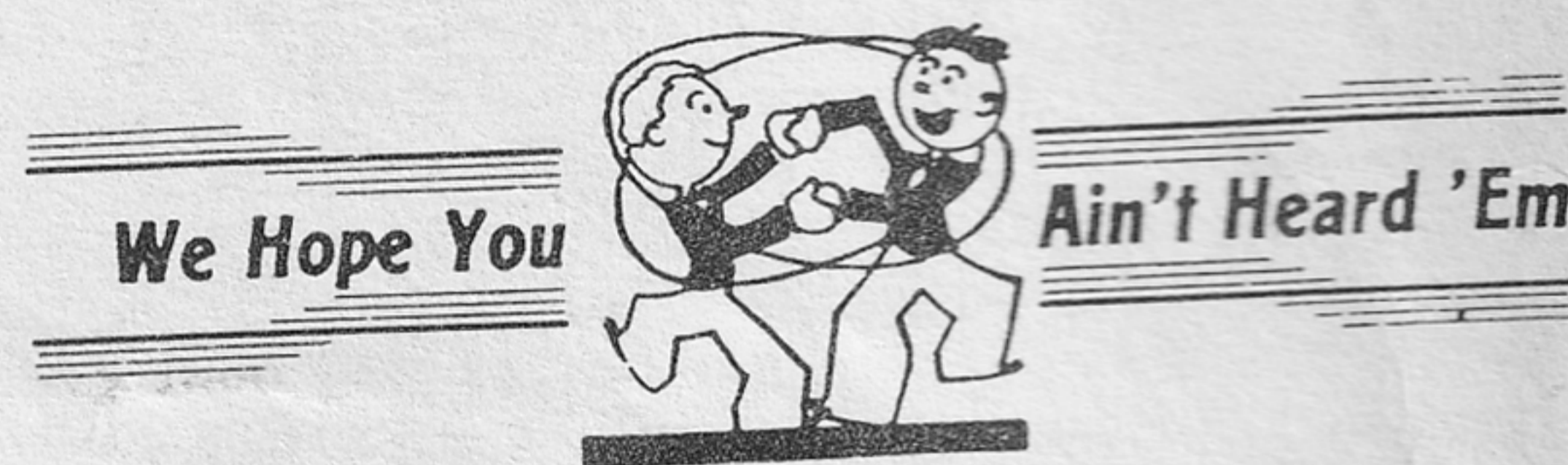


The final check is made by Dave Thomson. He is seen here checking the inside of the oven and its contents. The completed range then moves along the conveyor to the Crating Room.

In this trip down the Electric Production Line, through the eye of the Camera, we have seen only the operations concerning parts with which most people are familiar. However, there are many more intricate operations in building a range.



The happy couple above are Mr. & Mrs. Art Nield as they cut their cake at the reception held in the Mt. Dennis Legion Hall. The bride is the former Sylvia Collins. Their many friends wish them continued happiness.



One old spinster was berating another because of the latter's hatred of cats.

"I don't see why you should be so prejudiced against cats, Miranda," remarked the first old spinster.

"I hate the very sight of them!" explained Miranda. "You see, I had a cute little canary, and a cat got it. I had a beautiful parrot, and some cat got that too. I also had a boy friend once, and -- oh, don't mention cats to me!"

Jane: "Do you think a clever man makes a good husband?"

Joan: "The real trouble is getting a clever man to make any kind of a husband!"

Bore: "I'm a self-made man, that's what I am -- a self-made man."

Listener: "You knocked off work too soon."

Successful father: "Supposing I should be taken away suddenly, what would become of you?"

Son: "Oh, I'd be here. The question is what would become of you?"

"She says she was born in Victoria, B. C."

"B. C.? I thought so -- she looks it!"

Sign in a restaurant: "The silver is not medicine. Please do not take it after meals."

"How long did it take your wife to learn to drive?"

"It'll be ten years in September."

# Recreation Club News



The Moffat Hawks are really flying after getting away to a very poor start. Now that the boys are in better condition, and after some reshuffling in the line-up by Coach Ernie Wilkes, the boys have hit their stride, and are real contenders for the league championship. This may sound a bit pre-mature in view of the fact that the team has only just got into its winning stride, but they are playing a good game and with any breaks at all will be in there at the finish.

On Thursday, January 9th, the Hawks trimmed the Schisslor Drug Team 6 - 3 and looked even better than the score would indicate. Bob Mallory did the Hat Trick in this game, on plays set up by Sammy Simmonds, of the Electric Line and Art Neil, of the Steel Room. Art also picked up a goal for himself as did Jack Bridger and Jimmy Laver. Bernie Coomber gave a great performance in goal, especially in the closing period when the Schisslor Team were pressing hard in an endeavor to get close to the Hawks.

However, victory was not without a dark side. The popular Captain of the team, Bill McKenzie, of the Electric Line, collided with the goal post in a scramble in front of the net and suffered a badly bruised shoulder and torn ligaments. Bill's steady play will be missed by the team but if his injuries are not too serious, we hope to see him back in the near future.

Bill is the second casualty that the Hawks have suffered this year. Late in December in a game against Swansea, Allan Taylor broke his wrist and while he was able to continue at his work, bills for X Rays and Doctors have run rather high. These boys are playing at their own risk, but as all can appreciate the Recreation Club will do all they can to ease the financial burden thrown upon an injured player. In order to manage this we must have a good return from our gates at the end of the season. Up to the present the attendance from Moffats has been almost negligible, but there are a few who have attended regularly. This is good hockey and on January 23rd we believe that one of the best games of the season will be on when Moffats and Swansea clash in the first game of the evening. Although Swansea have run through all opposition this year, the Hawks gave them a better game than their other opposition. With our team in better condition and playing better hockey, the Hawks may be the ones to snap that winning streak Swansea are on.

Remember, 3 games of hockey every Thursday at the Ravina Rink in West Toronto. The balance of the schedule for the Hawks is as follows, with the time of game shown. Admission 35 cents.

Jan. 23	- Swansea	- 8.00 P.M.
Jan. 30	- Rosedale	- 10.00 P.M. approx.
Feb. 6	- Coleman Lamp	- 9.00 P.M. approx.
Feb. 13	- Schlissers	- 9.00 P.M. approx.



The following article was taken from The Toronto Daily Star, January 10, 1947.

## MALLORY CLAIMS A LEG ON T.H.L. RAPID-SNIPING TABLE

Until someone can drop an attested statement into Frank Smith's office proving otherwise, left-winger Bob Mallory of Moffat's will claim the Toronto Hockey league's rapid-scoring record for this season.

Mallory whipped three scoring shots home in exactly one minute last night to provide Moffat's with their 6 - 3 margin of victory over Schissler's in the final game of the West End Industrial Intermediate circuit. Jim Laver, Art Neil and Jack Brigden were other Moffat marksmen, Andy Armstrong scoring twice and Harold Downer once for Schissler's.

## Come Out and Bowl

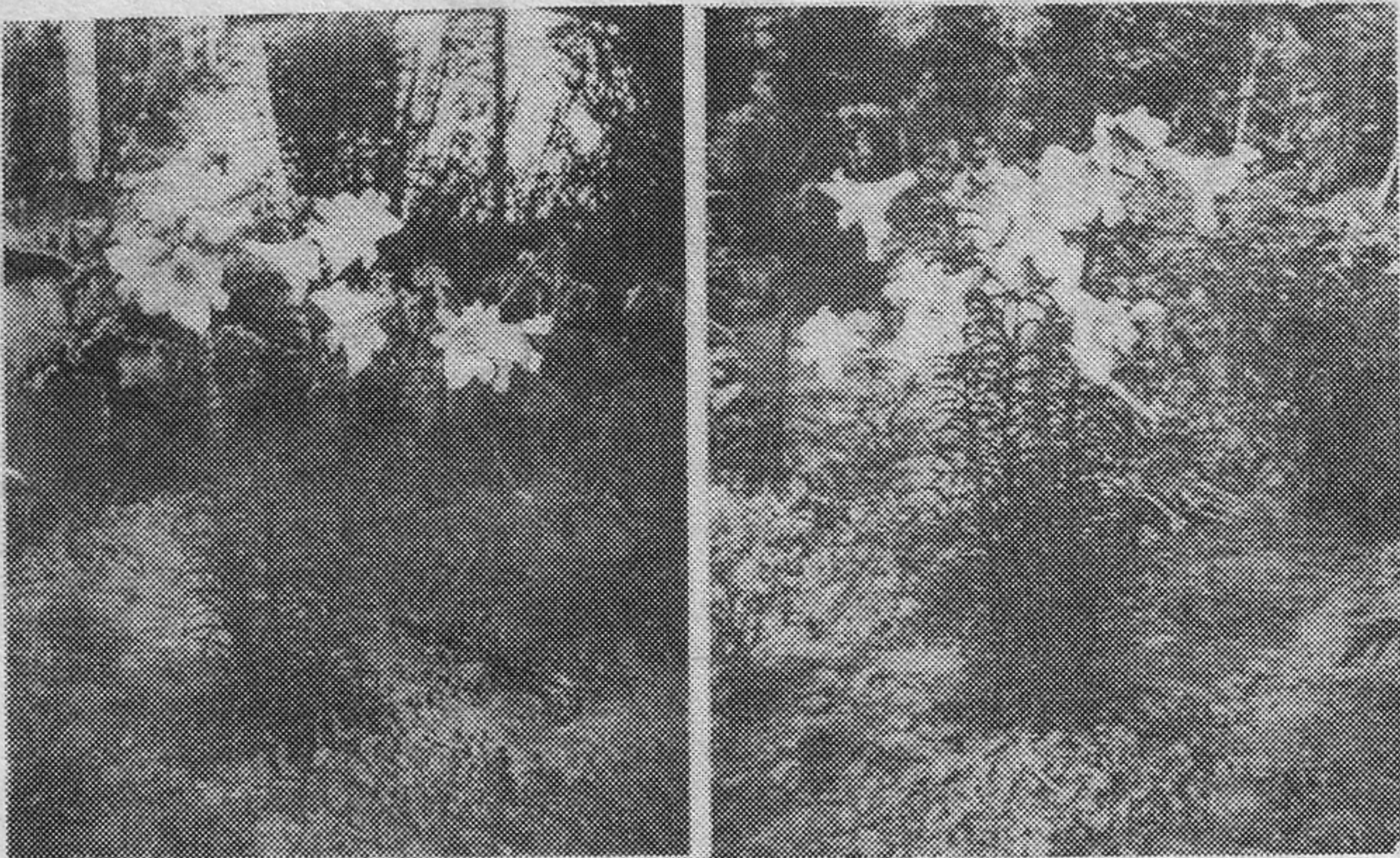




A lot has been said in recent issues about good pictures. This time we would like to pass on a few hints as to what makes some pictures better than others.

We have heard much about good composition and poor composition pertaining to pictures. But what actually is composition? Composition is the assembling of lines and lights and darks to make a pattern pleasing to the eye. The centre of interest should be just a little off the centre of the picture and the lines should travel toward the centre of interest. That is, if you are taking a picture of a bridge don't have a beautiful big collie dog in the lower right hand corner. Or, if you are taking a picture of the Falls don't have some people in the foreground so that the Falls merely form a background.

The horizon line should be either a little above or a little below the half way mark in a picture. If the picture is taken for a cloud effect it is better to have less foreground and more sky and similarly, if it is the foreground that is interesting it is better to have just enough sky to make the effect pleasant to the eye. A sharp line should never come directly into the corner of the picture as this tends to lead the eye out of the picture.



A simple background will give a much more interesting picture. In the above pictures note how the light areas in the picture at the left are very distracting from the lilies, while a slight change in the angle at which the picture was taken gives a much less confused picture.



In this picture of an Indian, note how the plain canvas tent forms a background without detracting from the subject. This picture was taken in Hamilton, at the Hamilton Centennial.

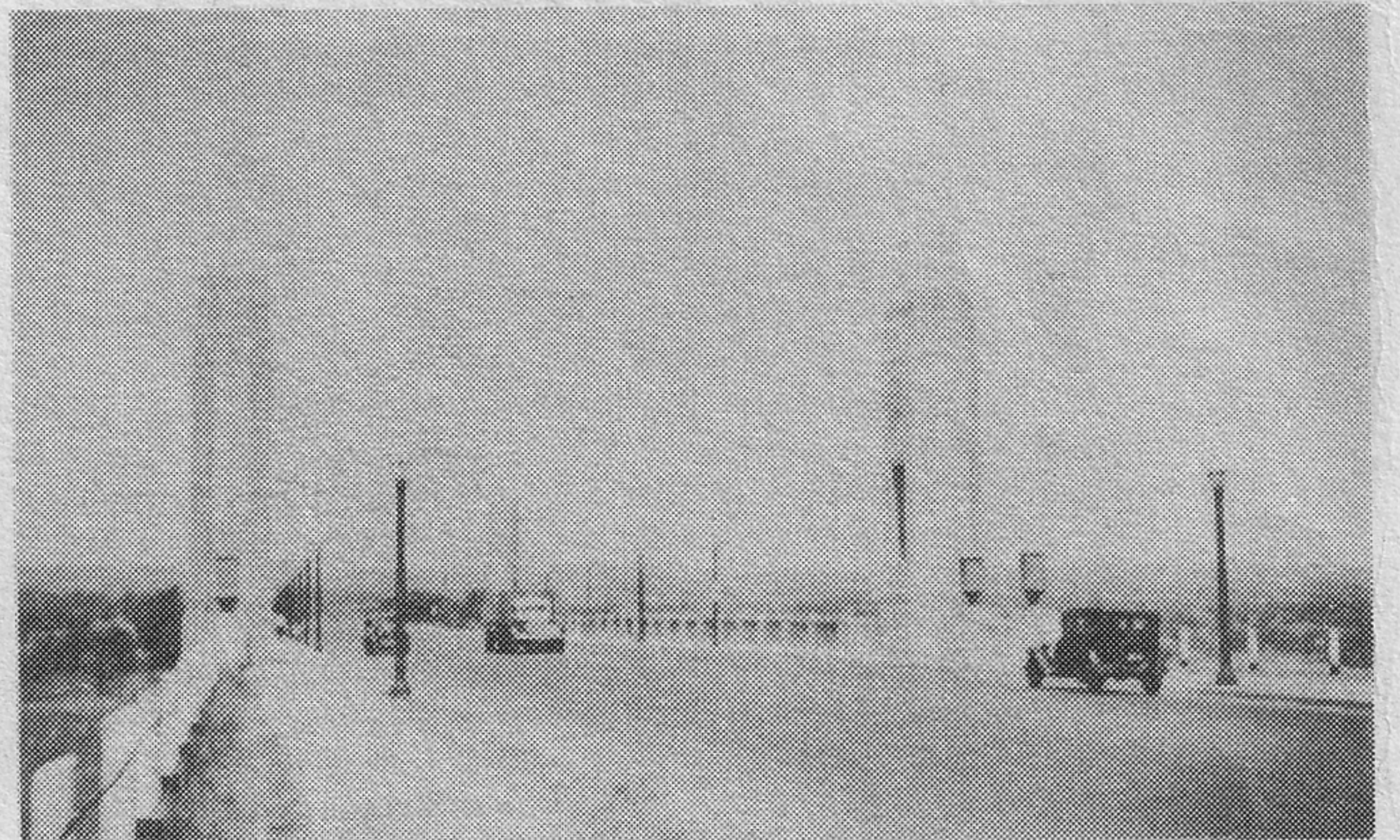
Lighting is a great part of composition. In fact if the lighting is good a few details in composition can be overlooked.



This picture is what might be called fairly well balanced as to lights and darks. If you don't agree let us know your reasons!!

The shadows or dark areas in a picture are as essentially a part of the picture as the object you are taking. If the pattern formed by shadows is distracting the entire picture is a failure. But however, we could write many pages on lighting for both portraiture and scenery but fundamentally it is just whether the affect is pleasing to the eye. That is, good composition can be accidental because people have just a natural eye for beauty, although it can be greatly helped by visiting good photography exhibits and art galleries, where much time and thought have been given to their choice of exhibits.

## Picture Quiz??



We had thought of curtailing the article Picture Quiz but due to the fact that many people liked it, we will try to fool you on pictures taken in Canada.

This is a picture of the road going over the High Level Bridge, at the West End entrance to the city of Hamilton.

# YEARS AHEAD OF TIME

A very important branch of any industry is the Sales Division because markets must be found for the goods produced. Unless this is done there is no need for production. To enable salesmen to understand the method of manufacture and to acquaint them thoroughly with what they are selling as well as selling plans and policy, a sales meeting is held.

Our first Annual Sales Conference held at the Royal York, in the week of January 6th, was a huge success. It was like old times to see the whole Sales Family together again, Harold Stewart from Vancouver, Leon Morency and Art Harcourt from Montreal, along with representatives from most of our national distributors. Unfortunately, Charlie Cowan, manager of our Montreal office couldn't attend, because of a very heavy cold.

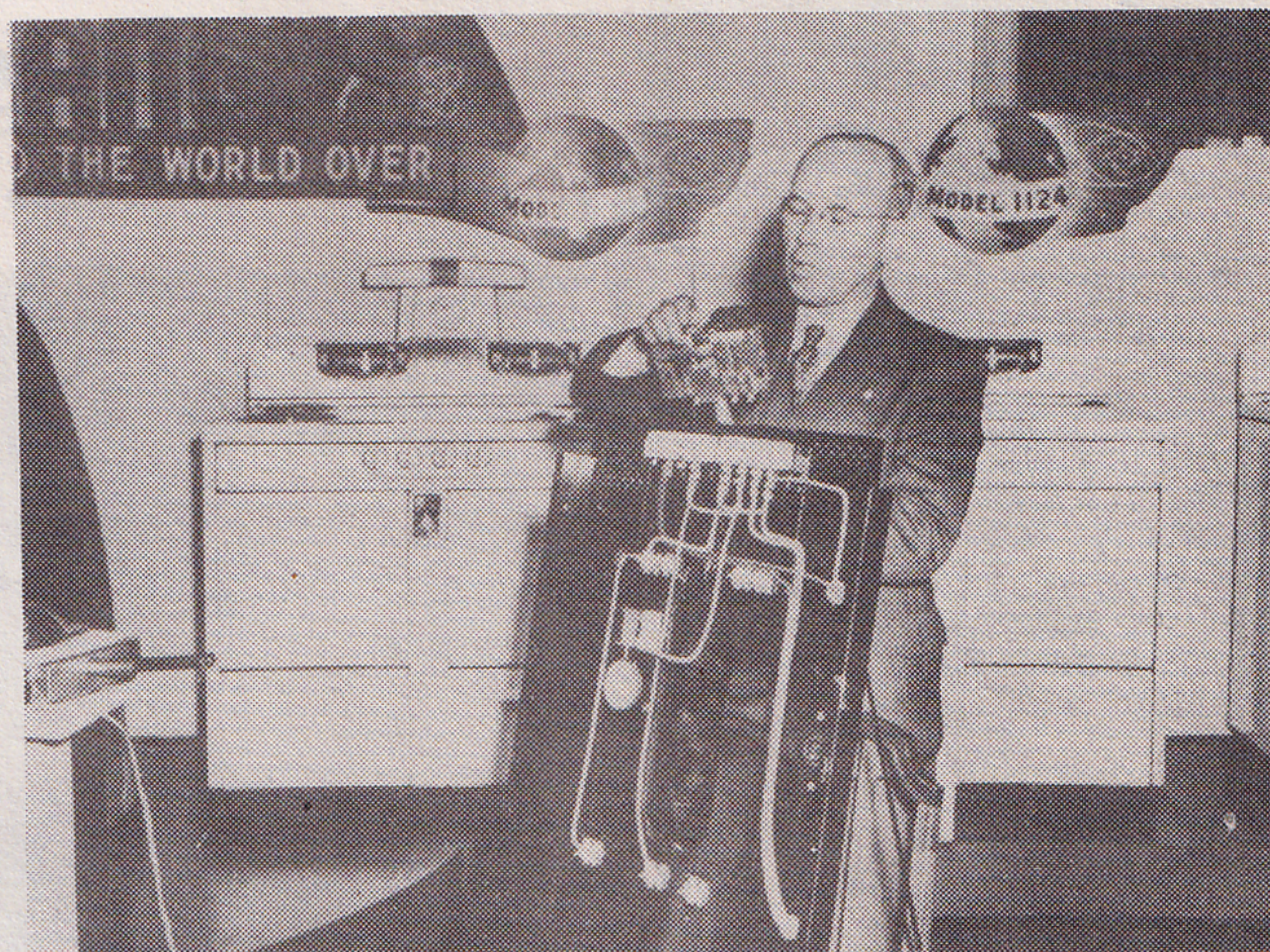


The theme of the meeting was "Years Ahead of Time", and the new range models are just that.



Charlie Moffat, who belongs strictly to the Electric Department, enthusiastically demonstrates the many features of the new model. We don't believe the five tumblers on the top of the range are an added feature.

In spite of the talks being very instructive, they also held a quality of humor. The new models were introduced with a bang, literally speaking. A smoke bomb did the job beautifully. Then after each feature Charlie would ring a loud bell which had been mounted in a large Syncrochime Control. In concluding, he went on to say, "This is the time of year for goodwill to all -- let's give our competitors a bell." A very faint tinkle came from the huge Syncrochime.



Stan Smith explains one of the new exclusive features -- the new Syncrochime Control, which is second to none.



Charlie Moffat listens, with apparent disdain, to a lot of gas about gas from Jim, who heads the Gas Division.

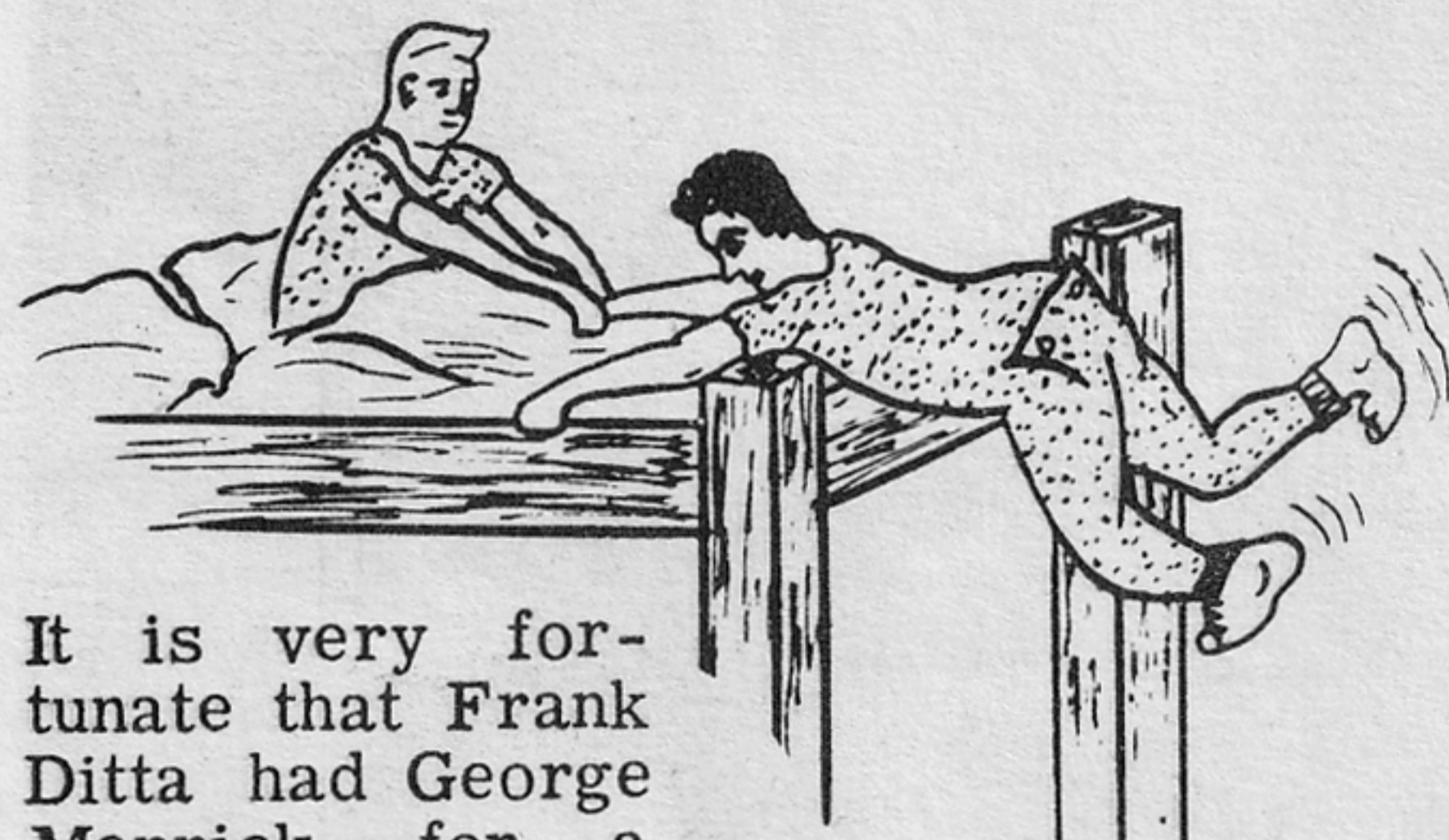


Introducing Miss Elaine Collett, Moffats new dietician.

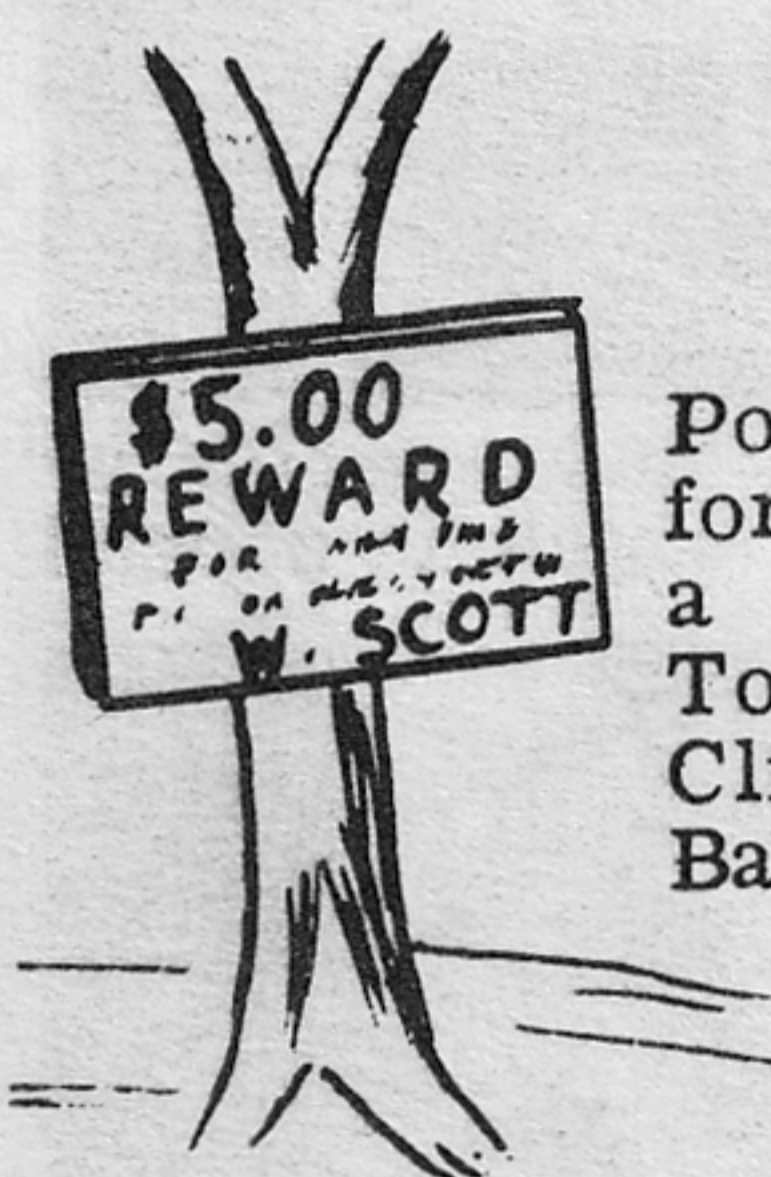
A great deal of credit is due to all those throughout the plant, who knowingly or unknowingly contributed to the huge success of the range in its pioneer stage.



# SHOOTING THE BULL



It is very fortunate that Frank Ditta had George Merrick for a bed fellow. Frank had a great deal of difficulty getting to the upper bunk. Every night poor Frankie had to be put to bed.



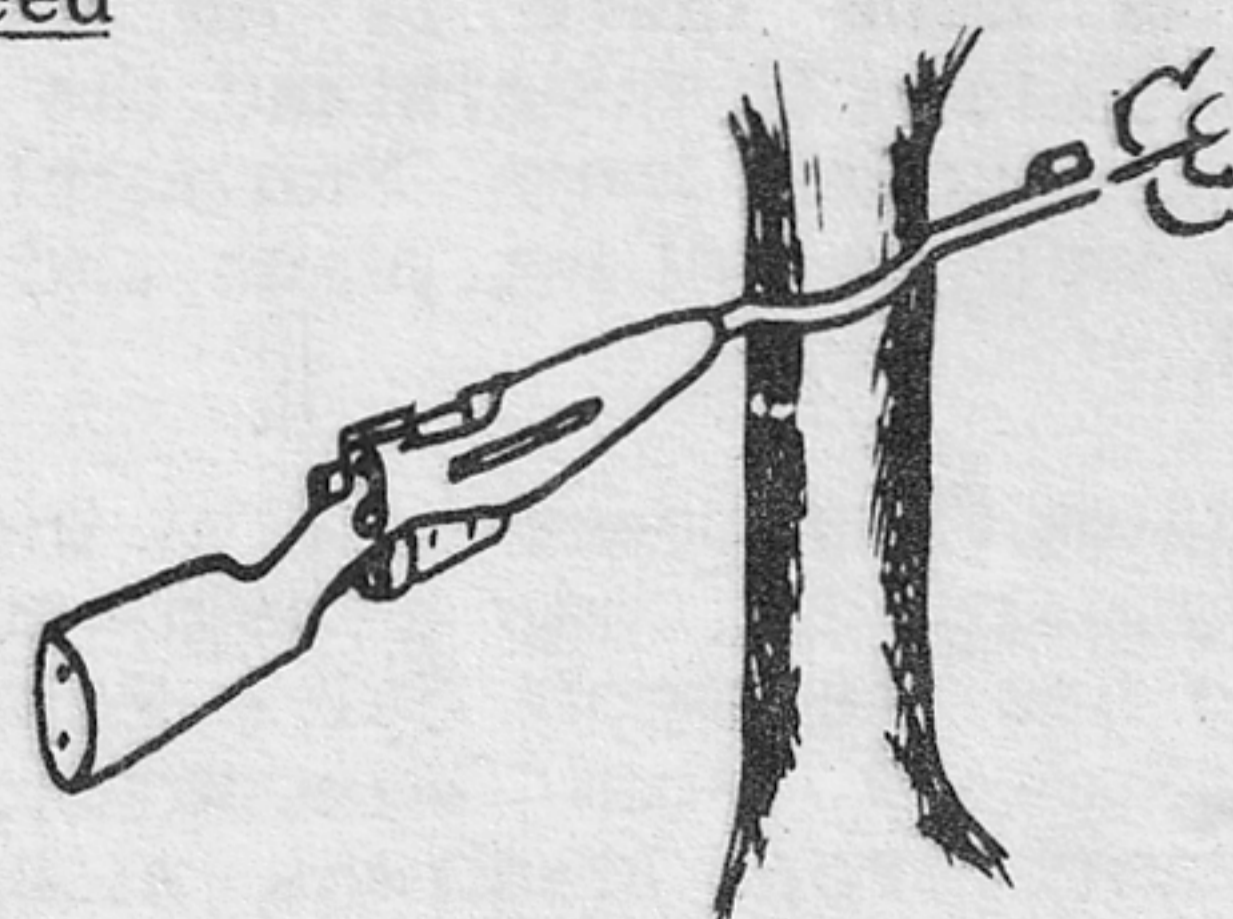
## \$5.00 REWARD

Posted by Bill Scott for a gadget to keep a man on his watch. To be tried out on Cliff Lloyd and Dick Banks for its usability.

## A Hunting Trip north of Tweed

### The Hunters

F. S. Babcock  
Jerry Deveries  
Ed Wright  
Frank Ditta  
George Merrick  
Cliff Lloyd  
Bill Scott  
Dick Banks

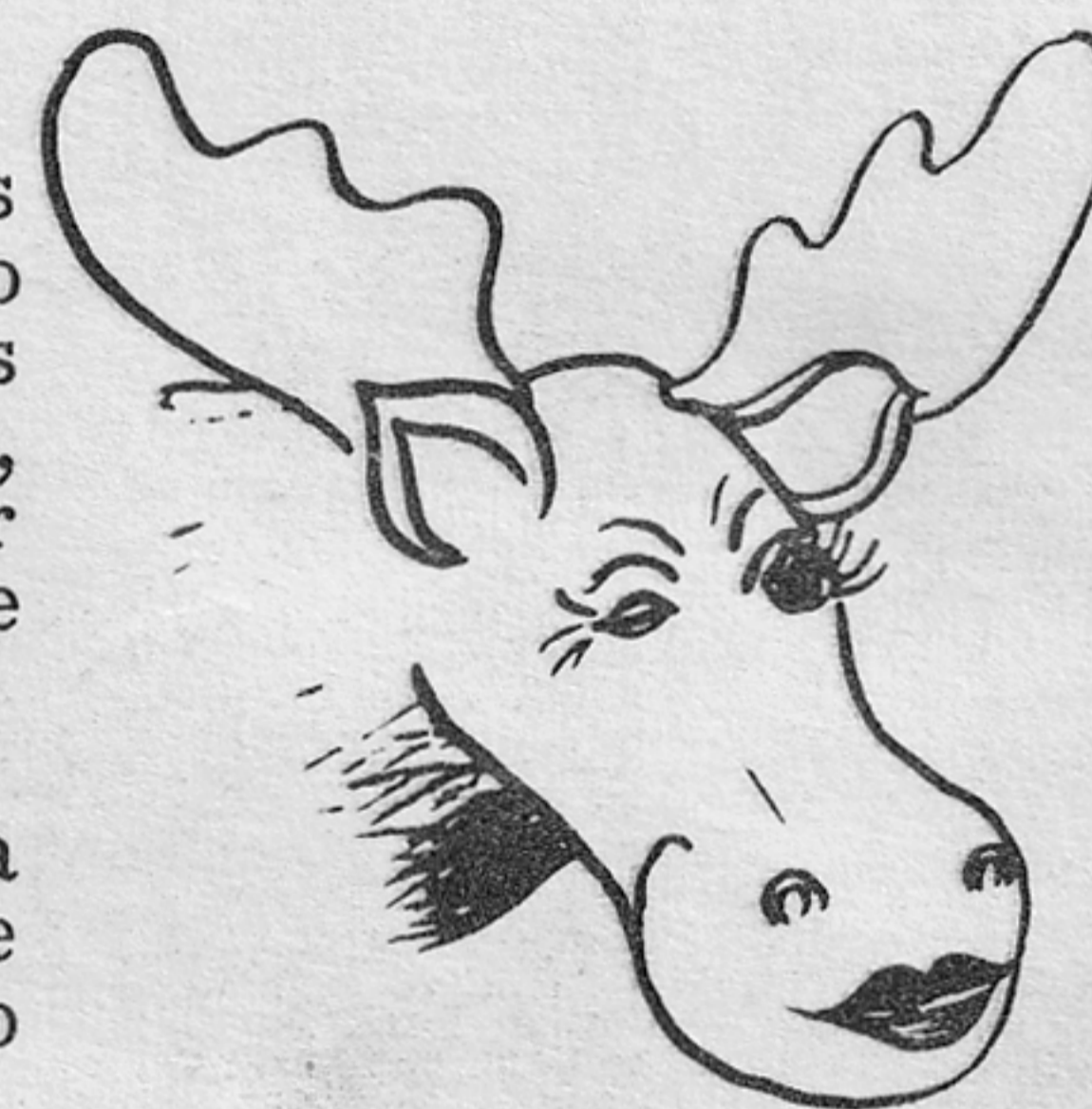


Cliff hasn't learned the art of shooting around trees, but is willing to take lessons. The deer was only 35 feet away but somehow or another a tree was right in line with the sights so the deer scoffed and slowly walked away.

We don't know whether it was the four shots that Frank fired into the deer or whether the deer was so shocked at the extensive threats, which could be heard for a quarter mile, that made the deer finally lie down and give up the ghost.

George has given up the idea of being amphibious. This year he stuck strictly to terra firma -- no midnight swims.

The boys are still singing the praises of F. S. Babcock's culinary arts.



Ed Wright was on his first deer hunt. The deer had lovely large brown eyes and beautiful eyelashes. So Ed fired a couple of shots into the air, from his 44-40 Flame Thrower, and left the deer with its freedom. He usually hunts a different type of deer!

Take a tip from radio advertising. Never admit you are fat. Say that you are the large economy size.

Honestly now, have you ever met anybody who gave you as much trouble as yourself?

### MENTAL FAILURE

Most of us are familiar with the term "mechanical failure" as an outstanding cause of accidents. Our records show that approximately 75 per cent of accidents are the result of "mental failure". What does this term "mental failure" mean? Four mental failures that everyone must guard against are:

1. Preoccupation. Another name for carelessness or letting your mind wander from exactly what you are doing.
2. Worry. This is an arch enemy of Safety; it doubles your work; robs you of sleep; ruins your appetite; spoils your temper. Amazing as it seems, worry never solved a single problem.
3. Anger. If you can't get yourself under control, stop work and cool off. Pent-up anger always pops off at the wrong time.
4. Haste. Hurry cuts corners, takes chances and continuously flirts with death.

"How's your new secretary making out?"

"She's getting the files and other things so mixed up, we just can't get along without her."

He: "I think I must have a real sense of humor, for whenever I see something funny, I have to laugh."

She: "You must have a pretty tough time shaving."

### ... A SHORT-CUT TO ... ... A SHORT LIFE ...

Never fasten ladders,  
It's fun to see them slide;  
Never wear your goggles--  
Remember, you have pride!

Never put your gloves on,  
Your hands are tough enough;  
Be careless, if you like, boy,  
You're made of super stuff.

Never wear the safety shoes,  
They make to save your feet;  
They're good enough for dumb guys,  
But you are too discreet.

Never read the safety rules,  
They're just a lot of guff  
Designed by guys who draw their  
dough  
For dishing out that stuff.

Abide by all the rules above--  
Don't do as you're told,  
And I will guarantee you, bub,  
You never will grow old!

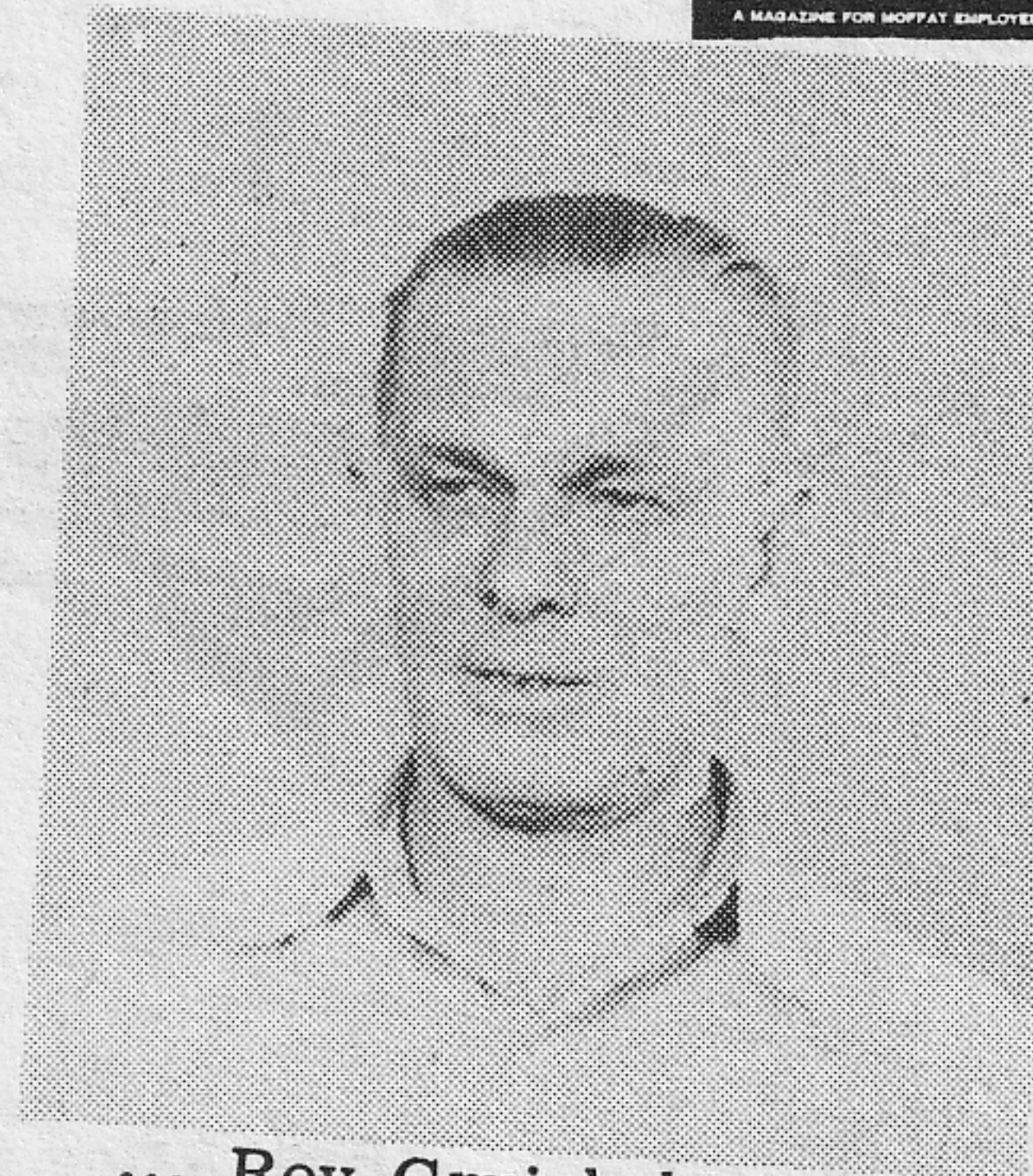
### SHOP TALK DICTIONARY

"Impossible" -- I think you're nuts.  
"Can't" -- I'm stubborn and admit it.  
"Maybe" -- Do it yourself if you want it done.  
"We'll see" -- Is he trying to pitch a few curves past me?  
"Yep!" -- Could be yes or no.  
"Tomorrow" -- If I don't forget.  
"Stymied" -- I'm too lazy to think this one through.

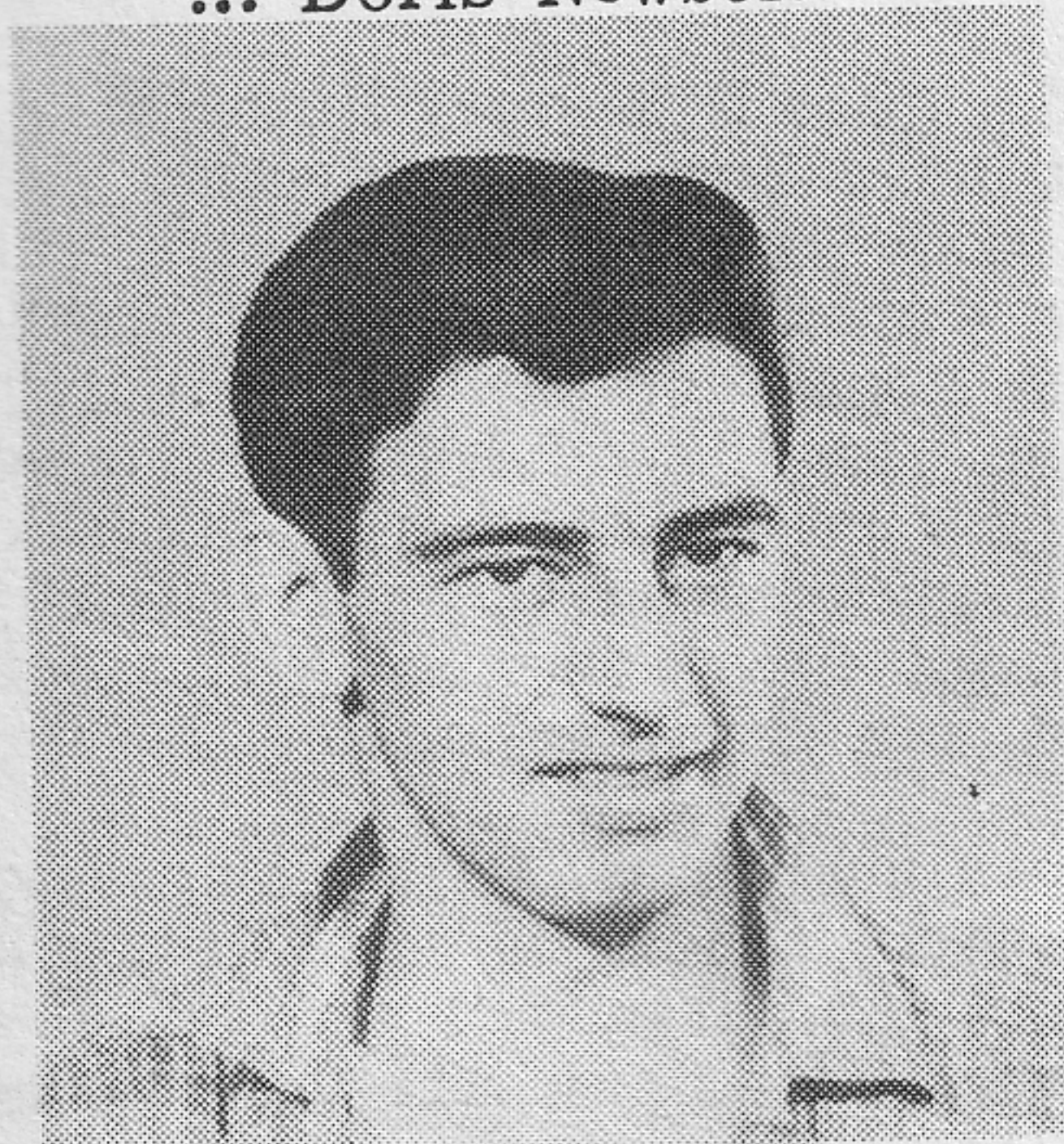
# Hockey Pool Winners



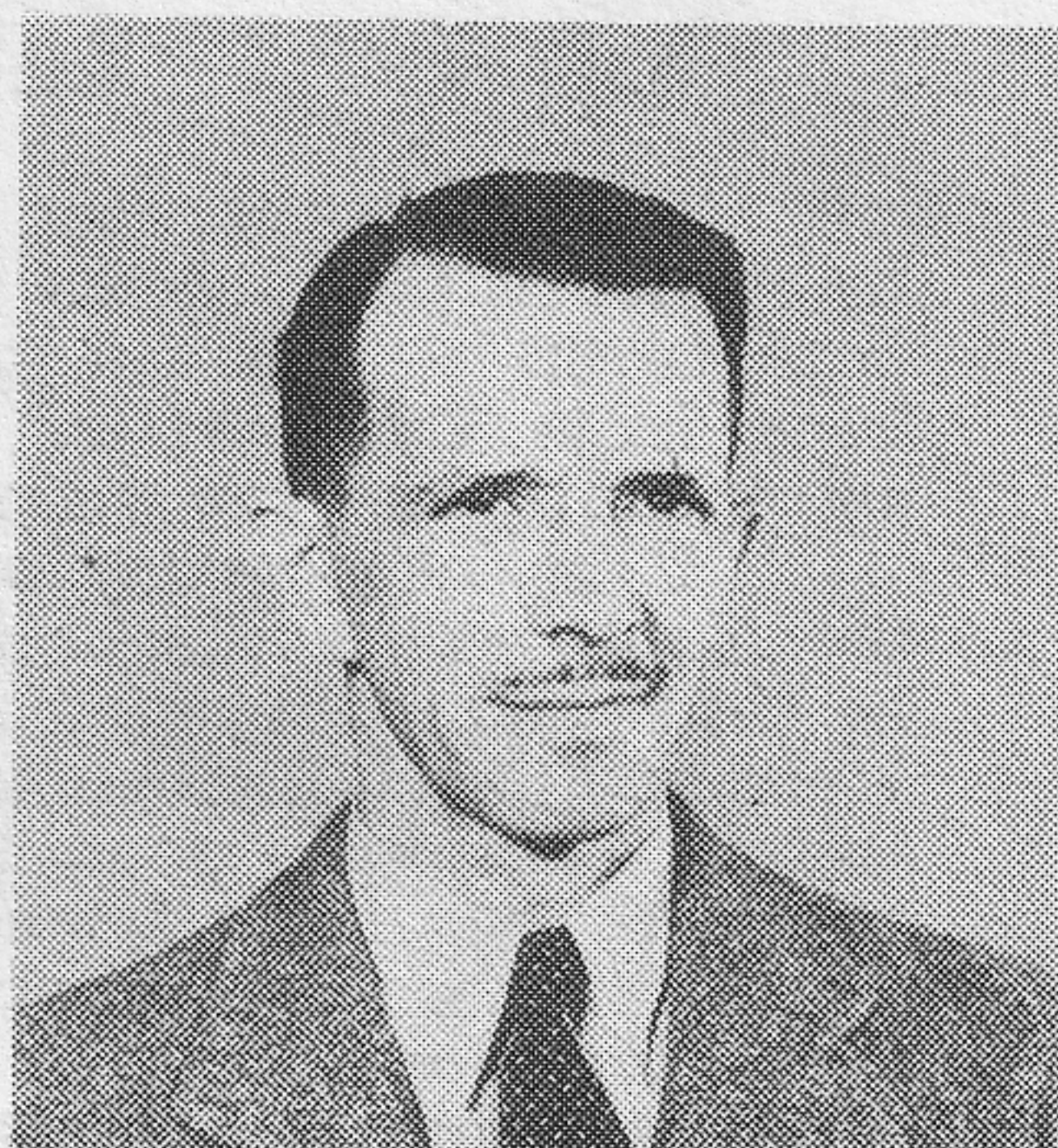
... Doris Newbolt ...



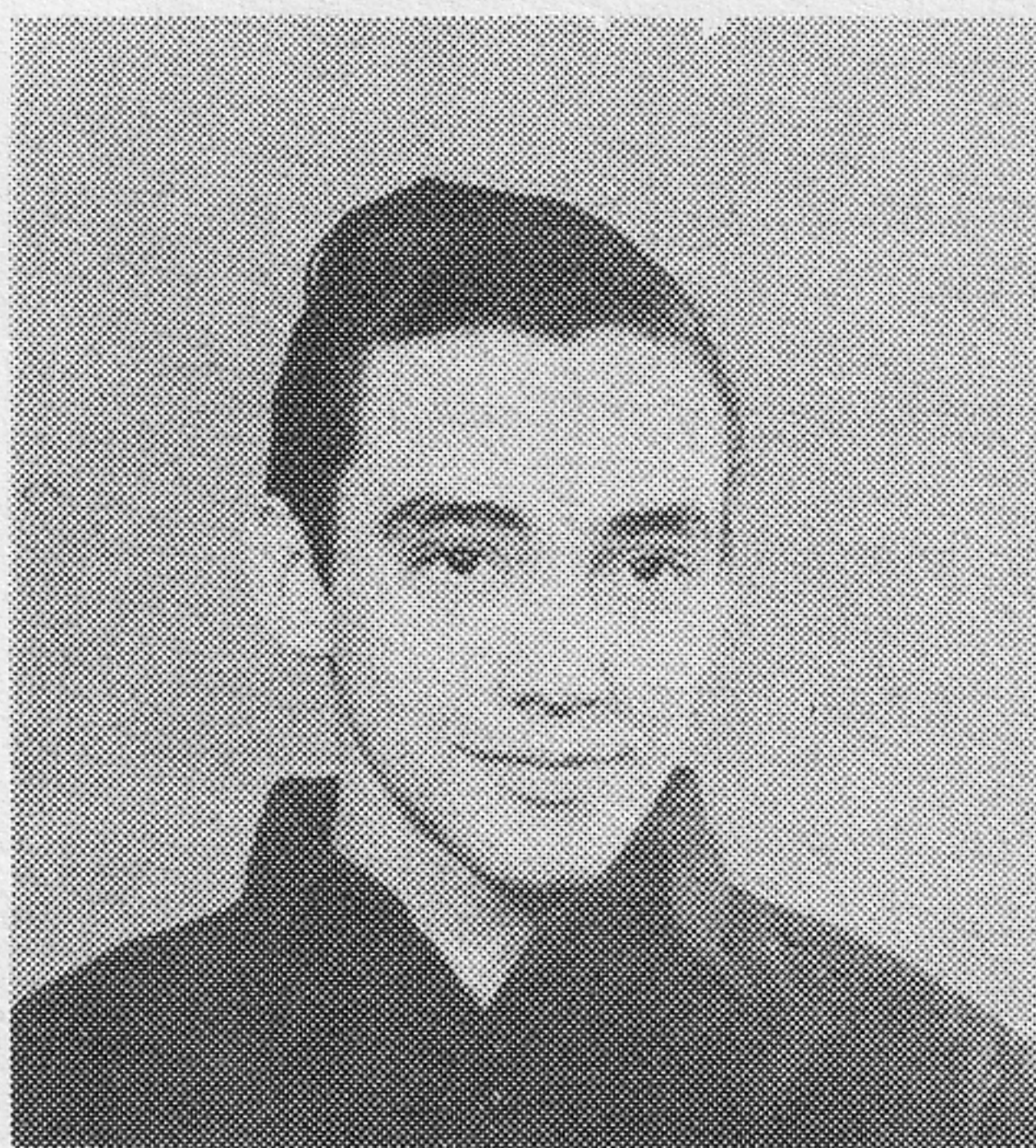
... Roy Cruickshank ...



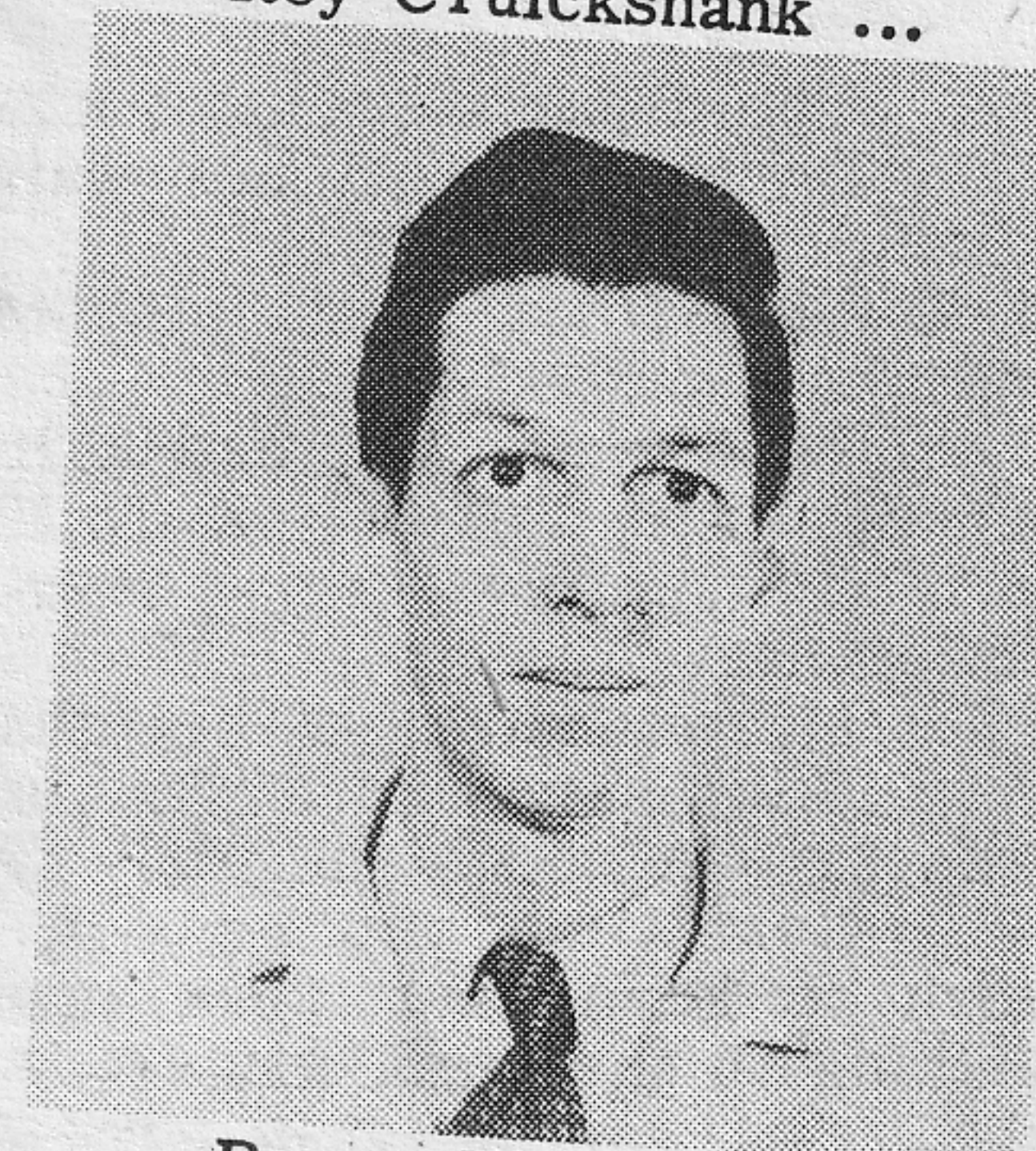
... Alex Patrick ...



... Brian Irvine ...



... Bill Ireland ...



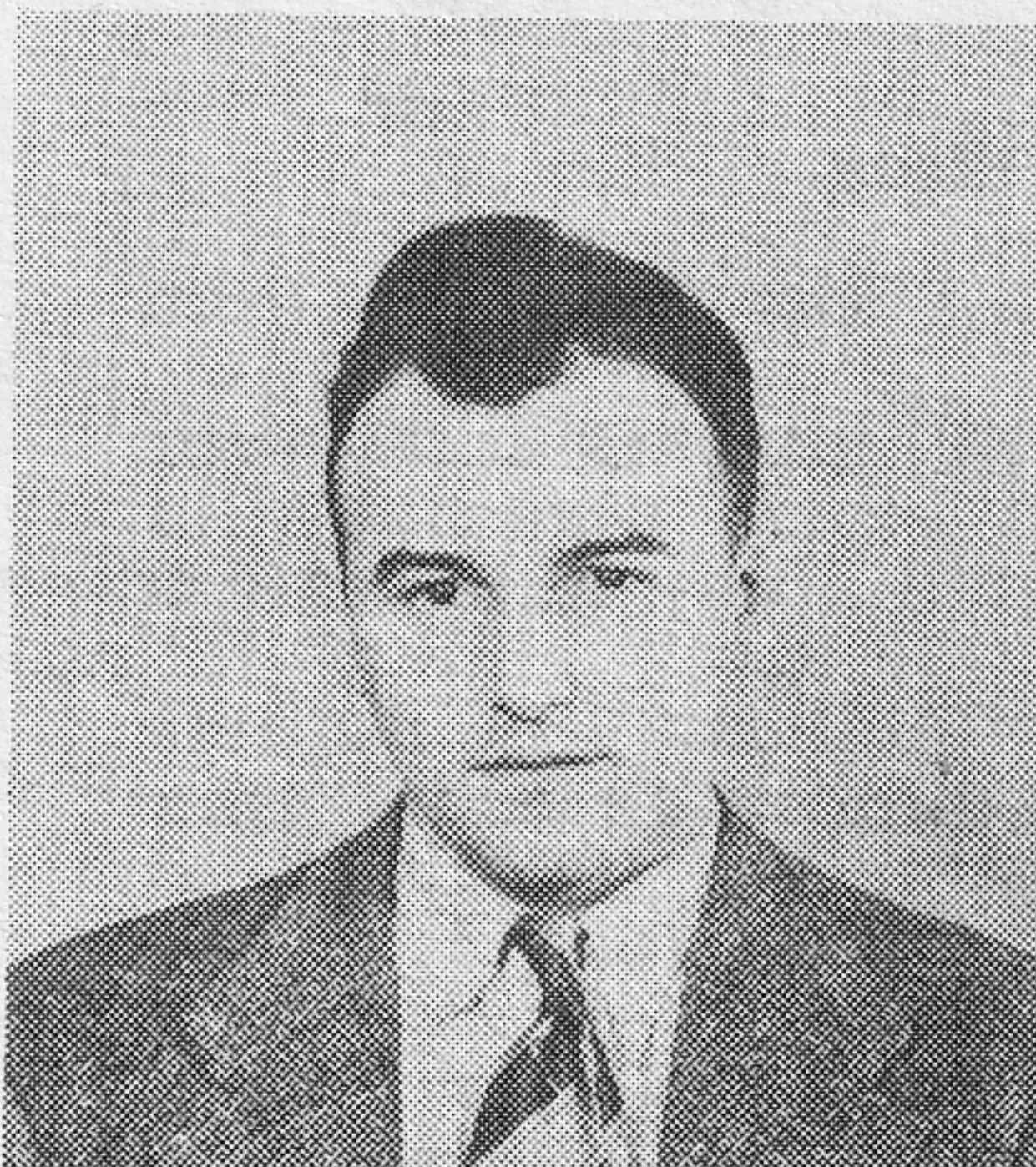
... Bruce Elsworth ...



... Dave Smith ...



... Gertie Ross ...



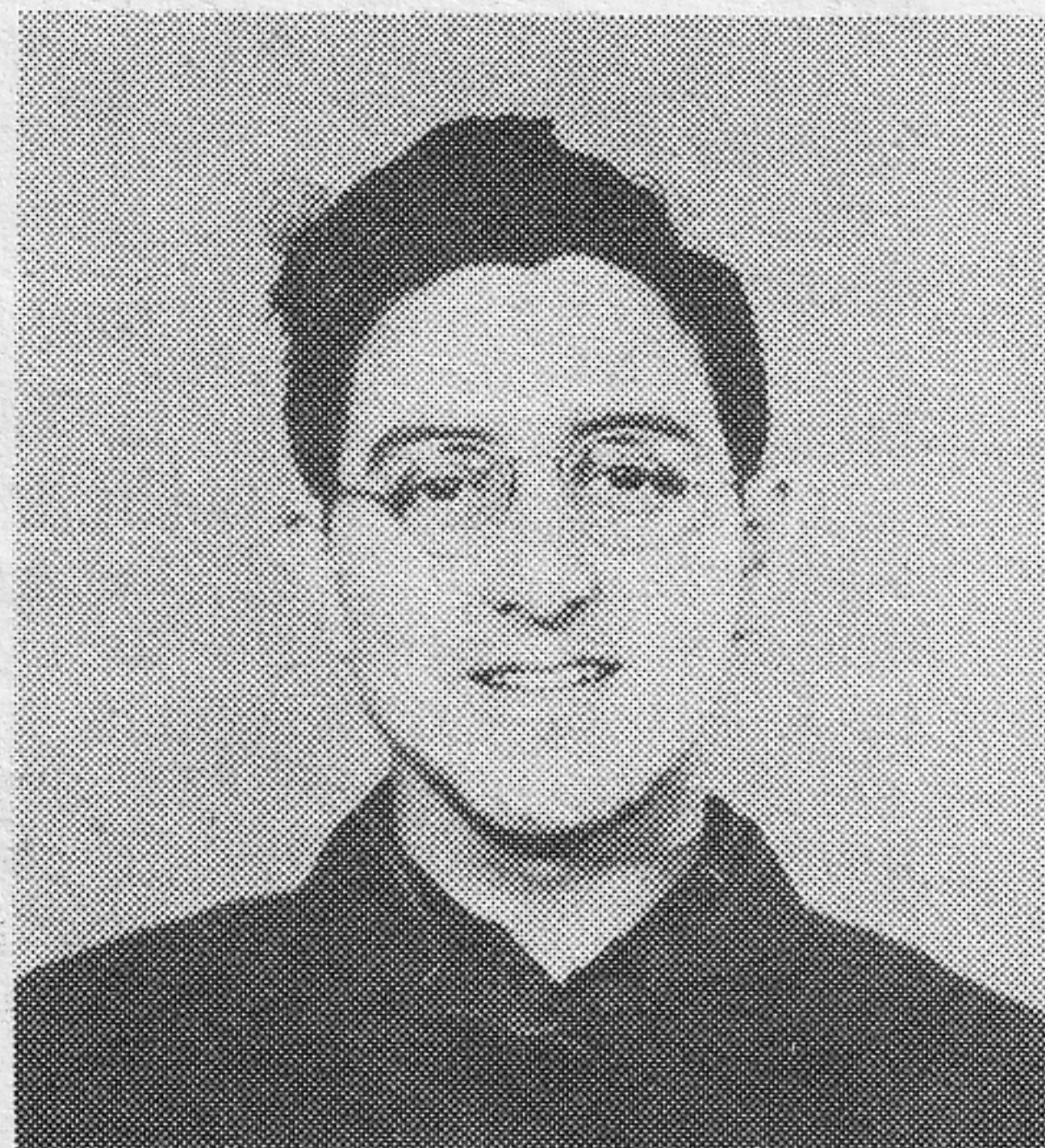
... Vic Best ...



... "Buck" Shirley ...



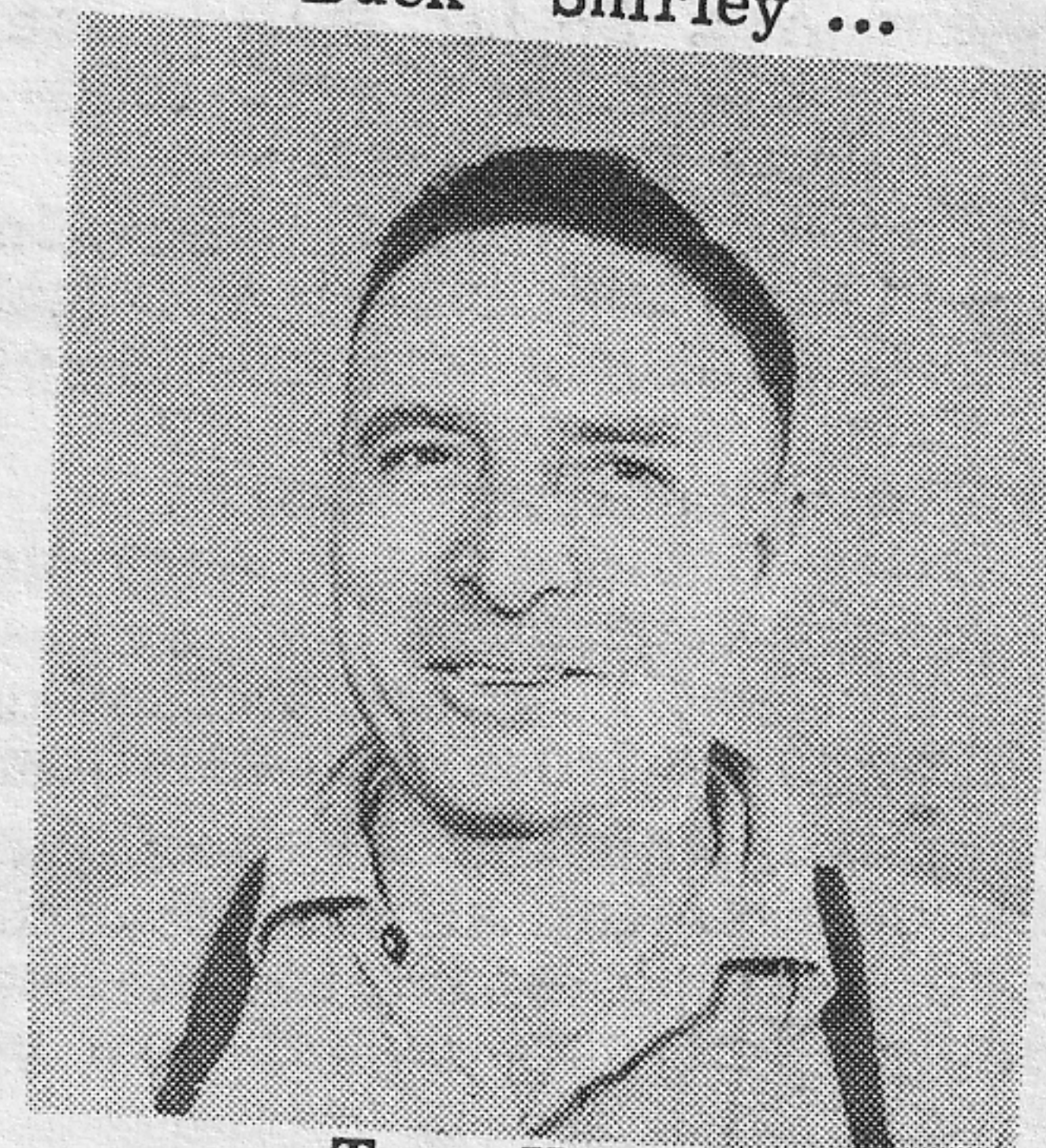
... Esther Hawkins ...



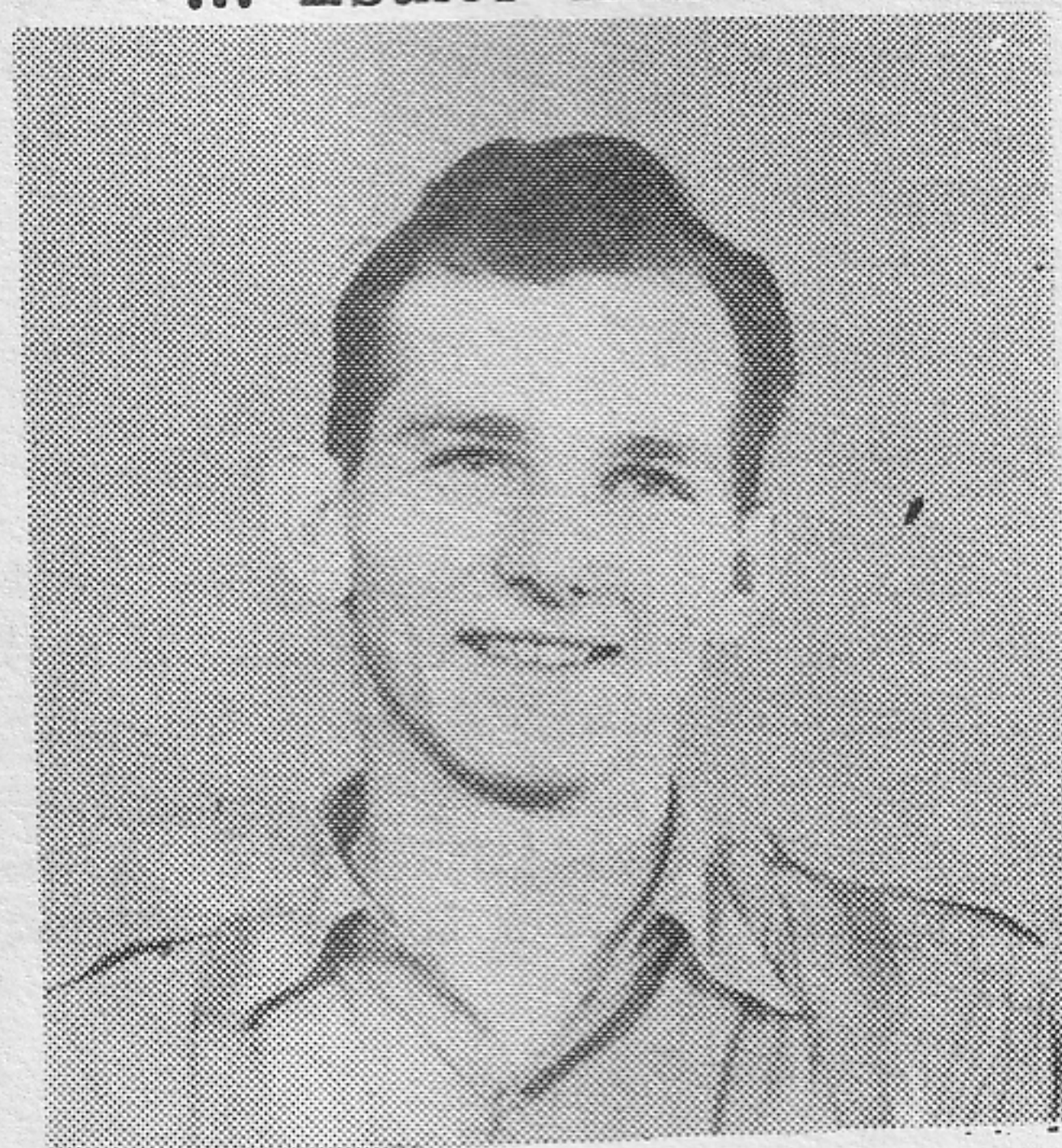
... Joe Artibello ...



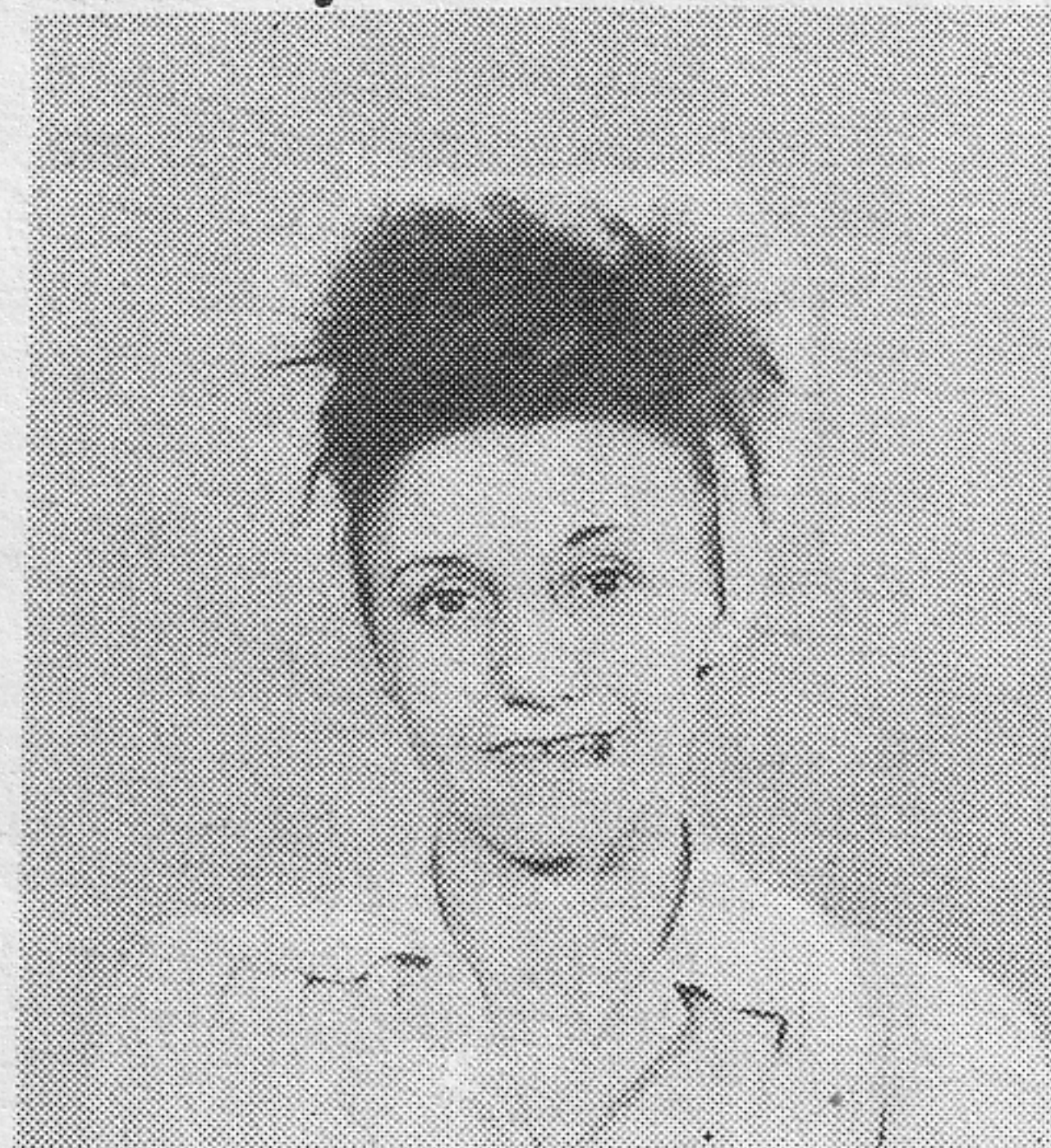
... Muriel Holdsworth ...



... Tom Harris ...



... Bob Grant ...



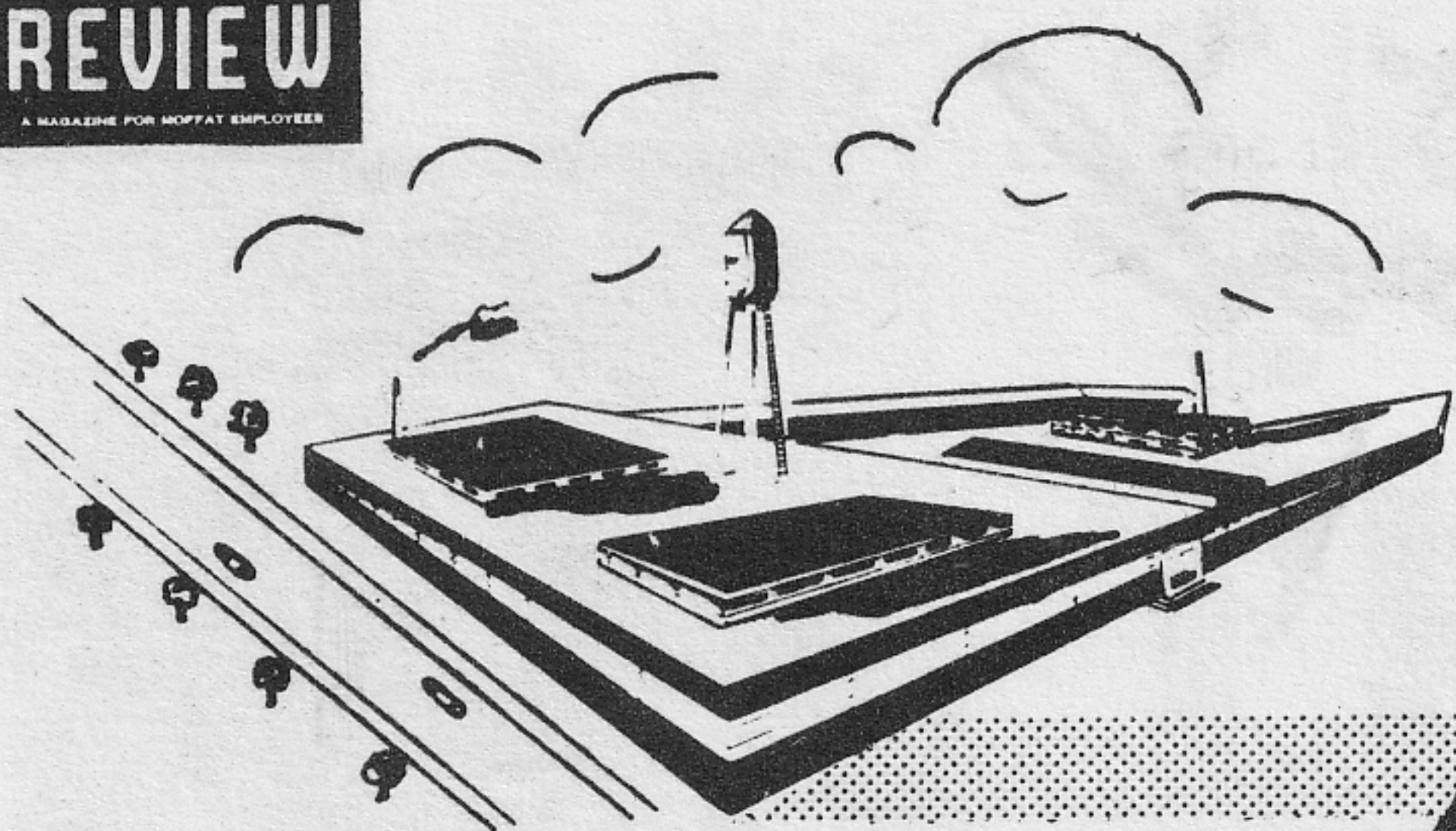
... Edna Roland ...



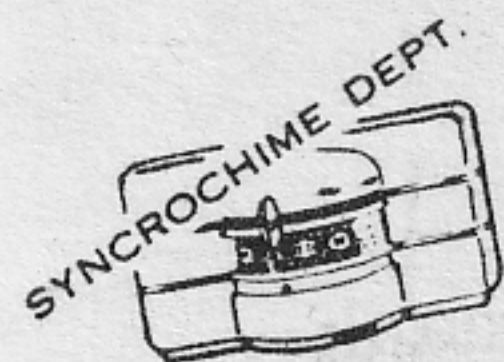
... Bob Richards ...



... Ruth Lamantia ...



# Around the Plant



By: Alice Ferguson

The department have a new name for John -- Nosey! Doris Owen had her watch returned. Better be more careful in the future.

Christmas spirit started quite early. Hope everybody had a good time.

The department had a lively visit from Myrt. Hand, Minnie Poole and Sylvia Collins.

Clemantine came over to kiss the boys Merry Christmas.

Morely sure got his share of kisses.

Edna sure had a double purpose for the Christmas present she bought her boy friend - flight boots.

Next time you go out, May, bring matches in to work to keep your eyes open, so they could stay out walking in the park longer.



By: John Robertson

Since the last issue of the Red Spot there have been some changes made.

Congratulations to Bob Winder, who has taken over as general foreman of 70C. His genial personality is making its presence felt immediately. May good fortune continue to smile on you Bob.

Alf. Blackburn will now be "at home" in Department 60. The view from the east window is better than what we have from our east window. Isn't it Alf? Good luck to you also, as you start the New Year in a new "set up".

Congratulations to Grandpa Bill Hinder. Four generations, all males, in the Hinder family now. How about a picture sometime soon, Bill?

There is a game played every Friday between Bill T. and Art. So far Bill is the consistent winner. A new line of attack each week leads to his success.

What happened to:

Those New Year's Resolutions?

Versal's chicken at midnight, Christmas eve?

Bill McIvor's visits to June?

Vern's summer resort?

The Queensbury Taxi?

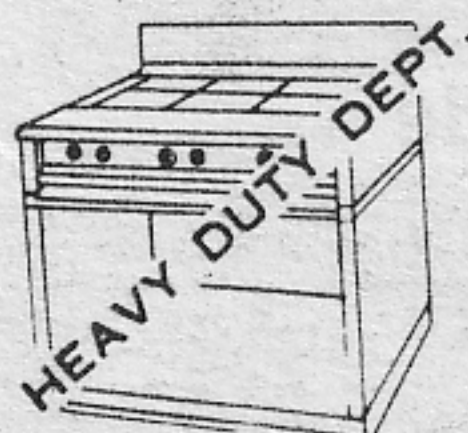
Betty Thompson's hockey tickets?

June's coveralls?

The "one" record Versal played over and over again.

The prize from the raffle run by and for the inspectors?

We welcome Marg. Chard back to her old spot in the department after a 7 months holiday -- the largest portion being spent in Vancouver. Glad to be back but enjoyed her stay is her own version!



By: Bill Ireland

Freddie, is Goderich snowed in? No more long week-ends.

Congratulations are in store for Jack Wickson as he became the proud father of a baby boy.

What's the matter, Sam, are a pair of shoes hard to get?

Fellows, don't shoot your gun with snow in the barrel, as I did!! Now I have a sawed off shot gun.

Anybody wishing bowling lessons see Slim. -- small service charge. -- (You don't have to be good.)

The boys in the Steel Room are singing a new song to the time study men -- Please give me 5 minutes more.



By: Ron Birch

I am sure everyone had a good time over New Years, by some of the stories that have been going around the department -- all but one poor chap, who couldn't get back from Orangeville. His excuse was that the roads were bad!! Are you sure you could see the roads, Olly?

If by chance any of you see Harold Lester around the plant, with a disgusted look on his face, it's because he has just lost another argument with Harry (Duce) Muir and Janet Banks. Although the odds are two to one Harold puts up a good fight, but the competition is too much for our little friend.

The boys are wanting to know why Kathy MacLeod and Edna Van Wyck sit in their office in the afternoon with the lights out. Neither of the girls will give us any clue to the reason. By the way Edna, how are the stockings coming?



By: Ron Gale

The Inspection Department is looking forward to Jack Smith's return, after his recent illness. That's a fine way to start the New Year off Jack!!

We wonder why it is necessary for a certain girl in the department to go to the States for her entertainment over the holiday! What about that Anne? Isn't the local talent from Weston fast enough?

Sylvia Collins has left the girls assembly line for a short spell to enter into the bonds of matrimony. Art Neil of the Steel Room is the lucky guy. The girls are hoping it won't slow you down any, when you come back, Syl!

Apparently the E37 line are all too busy to supply any news for the Review. Since they started on bonus a great hush seems to have fallen over the west end of the department.

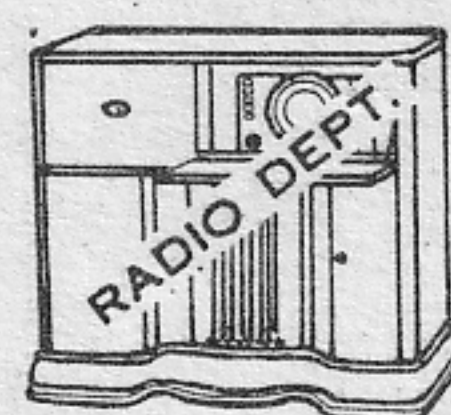
What's "Seeley" been doing with his upper lip lately? That's quite a vegetation he has transplanted!

Congrats to Janet Church and Jean Maidment, of the Electric Line, who became engaged over the Christmas holiday. Those two lucky guys must be looking forward to a lot of extra bonus hours!

What girl in the department spends most of her pay in the telephone booth phoning her one and only George? Does she think he's worth it or is it his broad shoulders that get her. We also hear she's trying out for the "LUX" girl of 1947.

Has "Rene" got spring fever or what! Surely that wallop she gave herself on the nose wasn't on purpose!

We welcome Clare Francis to the department, after being transferred from the Handi-Chef where he was doing a great job.



By: George Smith

The Christmas party was a great success. We never saw the men's faces so red before and it was not from blushing. Bruce Norris could be called the osculating Santa Claus.

A lot of people enjoyed their Christmas chickens. How did the girls know that Bernice's favorite song was "Lullaby"?

Is Henry's romance over so soon?

Speaking of romance, Mike and Jean are still comparing rings. Congratulations girls, but we hope you won't be leaving us too soon.

Congratulations are in order two ways. Our Jim Bradley (Diamond) has joined the Range Department to, as he says, "Systemize their Planning Department." Bruce Norris is very ably succeeding Jim and we wish the best of luck to both.

Has Bruce Denney retired after his double win in the Hockey Pool?

What is F. M.? Ask Sam Kaliner.

That loud and distinctive rattle you hear four times a day along Denison Road is Matt Mahoney driving by.

Did Alfie suffer any ill-effects from that drink at Mr. Leslie's Christmas party?

We hope Jack enjoyed his first Canadian Christmas and that after our festivities he did not make the error of letting his wife wash his handkerchief.

Dot Farnan will be even more eligible after she takes delivery of that new car. There's your chance boys!!



By: Clare Francis

All the gang extend a hearty welcome to our new boss, Alf Blackburn, and I'm sure he'll get the best of co-operation from the gang.

Mabel Scott spent her Christmas holidays in the Snow Country (Penetang), but she says she's glad to be back 'cause the coal oil lamps hurt her eyes.

Hilda Bryan is the only person I know who is getting a kick out of all this snow. Enjoy it while you can, Hilda -- next year you'll be climatized!

Thursa Brown has a beef -- she holds the money for the Hockey Pool and she says she never wins it. What are you beefing for Brownie -- at least you see the money.



By: George Bell

The Gang in the Shipping Department would like to take this means of wishing the best of everything to Joe Guisti, who left our midst to broaden his education at Hamilton Re-Hab School.

We, in the Shipping Department don't know what governs women's hair-dos but apparently, a certain girl in the Service Department thinks "Bangs" are all "the go". -- Oh well, every man for himself; perhaps it won't last long!

Famous sayings heard in the department:

- Alec Say - "Ah me, still no room."
- Walt Williams - "Born in a barn - close the door."
- Johnnie - "Don't crowd your luck."
- Art McGill - "The Jokers."
- Chas. Burton - "Once for a nickel."
- George Bell - "The doughheads."
- Jimmie Marks - "Yassuh! I'll go on the Truck."

Joe "Newfie" Penny tells us that they even have railroads in Newfoundland and they run on time - well, almost anyway.

After the Shipping Department Christmas Stag Party, the Taxi Drivers in Weston ought to know all about full pay loads. A certain group decided to visit a local establishment dispensing that "stuff", and seven of them piled into one cab; a good trick when taking into consideration that seven chickens were also included in the load. Of course, comfort was little thought of because of what waited at the end of the trip. Nevertheless, a good time was had by all, and everybody got home at a good hour -- darn these early closings!

We hear, via the grape-vine, that a certain truck driver in the Shipping Dept. got very generous, and tipped the waitress at the Union Station, one dollar. Method in his madness??

A while ago we noticed an article in this column about the socks Doreen was knitting for Barry. They're finished now, but what about Jack's, Janet?

We were all very sorry to see Doug. Beatty leave our department, and we wish him every success in his new position.

It looks like George is glad to get back to his truck after a trying week in the Service Office, answering

telephones, etc. I guess you just weren't cut out to be an executive.

Some truck drivers would make good house-keepers. Others wouldn't, would they, "Cisco"?

Who is the blonde in our office who utters these words every day, in a very meek and mild voice, "John, will you take these yellow copies off the file?" And what are those three words John always replies?



On leaving Stan Smith, of Raw Steel Stores, was presented with a beautiful modern table lamp by his fellow workers, some of whom are seen here. Front Row, left to right: Val Raybould, Terry Keeting, Marion Puterbaugh. Back Row, left to right: Pete Ozymok, George Abbott, Jimmy Silver, Hughie Dryden.

The following is a letter received from Willi Miller.

47 Regal Rd.,  
Toronto, Ont.,  
January 3, 1947.

To the Many Kind Friends at Moffats Limited

Dear Folks:

It is quite impossible for me to say "Thank You" in quite the way I'd like to, for the wonderful gift -- the lovely radio -- that you sent me. It was a most unexpected surprise. Need I tell you that it is helping me wile away the long hours.

Thanks very sincerely and to each of you my best wishes for a happy and prosperous 1947. Here's hoping not long will elapse before I may join you at my job again.

Sincerely,

Willi Miller

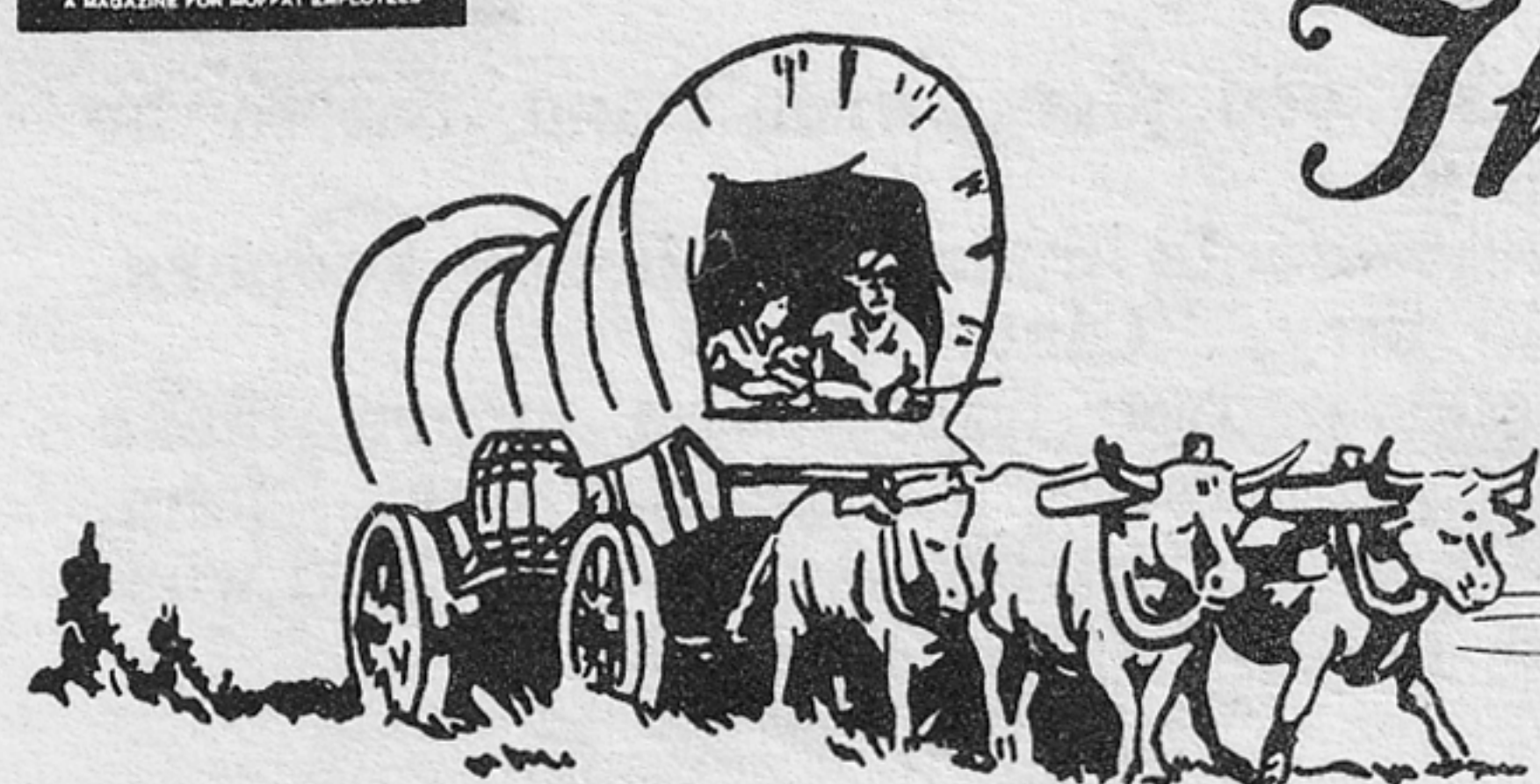
Sylvia and Art Nield wish to thank their many friends in the Steel Room and the Electric Department, for the lovely table and lamp and the beautiful set of dishes. Sylvia also says thank you, to the girls on the Electric Line for the shower and the many lovely gifts which she received.

### SINGERS WANTED

FOR MALE CHORAL GROUP.  
MUSICAL EXPERIENCE NOT  
NECESSARY. CONTACT BILL  
HIGGINS AND GIVE PARTICULARS

Laundryman: "We didn't tear your laundry with our machinery, ma'am."

Housewife: "Oh, you did it carefully by hand?"



# The Pioneer keeps ahead

By: E. S. SMITH, Director of Engineering

In case some of our readers would like to brush up their understanding of the more common electrical terms including those used on their electric bill, we are reproducing here part of a recent article in "Hydro News".

Power has been supplied by animals, human beings, falling water, water wheel, water turbine, steam engine, steam turbine, gas engine, gas turbine, gasoline engine, diesel engine, wind power, tidal power, jet engines and atomic power. All of those sources of power have been used to make electric power, because the electric generator must have a prime mover.

Work is done when a force moves something through a distance. Work done = force x length moved. The units of work are: foot-pound; joule (large); erg (small). 1 joule = 10,000,000 ergs.

Power is rate of doing work; work x time. The units of power are: horsepower; watt.

1 horsepower (H.P.) = 33,000 foot-pounds in 1 minute.

1 watt = 1 joule per second.

1 horsepower = 746 watts.

Energy is the ability to do work, and may be one of two kinds: (1) potential energy--energy in position, stored up, ready; (2) kinetic energy--energy in motion. Energy can neither be created nor destroyed, but may be changed from one form to another.

The name "erg" is derived from the Greek word "ergon", meaning work. It is a term that was given to the expression "dyne-centimeter", which is a force of 1 dyne moving through a distance of 1 centimeter.

The name "joule" was adopted as the unit of work or energy in 1889 by the International Electrical Congress in Paris at the same time as the name "watt" was adopted as the unit of power.

Joule is the name of James Prescott Joule, (1818-89) an English scientist, who in 1843 made the great discovery of the mechanical equivalent of heat.

## WATT DEVELOPED STEAM ENGINE

"Watt" is the name of James Watt, (1736-1819) a Scottish engineer, who developed the steam engine which he patented in 1769, and in 1775 the patent was extended to 1800. In 1774 he formed a partnership--Boulton and Watt, with Matthew Boulton, a mechanic. They manufactured steam engines first to pump water out of mines, then the engines were used in many industries, also for steamships and locomotives. James Watt was born in Greenock in 1736, and in 1754 went to Glasgow. After learning to make mathematical instruments, he became the instrument maker at the University of Glasgow. He also acted as engineer for the city waterworks, and as surveyor of canals. He lived till 1819, age 83, to see his improved engines greatly used.

The name "horsepower" was used by James Watt to represent the size of his engines. The engine was to replace the horse, but he wanted his engines to look as though they would do far more work than horses. Therefore in his study of how much work that heavy dray horses could do, he found the horse could pull a certain number of pounds a certain number of feet in a certain number of minutes. He finally decided to use 33,000

foot-pounds per minute as the unit of horsepower, by which he was assured that his 10 horsepower engine would do far more work than 10 horses.

## FIRST TWO UNITS

The history of electrical units dates from 1861 when the British Association for Advancement of Science began their work on electrical units and standards. The first two units were called ohm and volt in honor of George Simon Ohm (1787-1854), German scientist, and of Alessandro Volta (1745-1827), Italian scientist. The ohm is the unit of resistance to the flow of electricity. The volt is the unit of electromotive force, pressure or difference of potential between two points of a conductor.

In 1881, the name "ampere", in honor of Andre Marie Ampere (1775-1836), French scientist, was adopted as the unit of intensity of current flow of electricity, by the International Electrical Congress in Paris.

The Congress also specified the equation for Ohm's law (discovered in 1826) by George Simon Ohm (1787-1854) as follows:

$$I = \frac{E}{R} \text{ where}$$

I = amperes, - intensity of current;  
E = volts, - electromotive force or difference of potential;  
R = ohms, - resistance of the circuit.

This formula may be expressed in two other forms:

$$R = \frac{E}{I}; E = IR$$

## UNIT OF POWER ADOPTED

In 1889 when the name "watt" was adopted as the unit of power, the relation to volt and ampere was expressed: 1 watt = 1 volt x 1 ampere. A larger unit of power, kilowatt, uses the Greek prefix, kilo, which means 1000; 1 Kilowatt (K.W.) = 1000 watts. Other terms are used in reference to alternating currents, "volt-amperes", and "kilovolt-amperes" (K.V.A.). There is a definite relationship between horsepower and kilowatts, 1 HP = .746 KW = 1.34 HP.

The unit, kilowatt-hour, is used in measurement of electrical energy for billing purposes. These units are measured in an electric meter known as the watt-hour meter, and are totalled on the dials of the meter. This meter is used in nearly all metered electric services in the home, factory, and place of business. The first watt-hour meters were produced in 1888.

The unit, kilowatt, is used in measurement of demand of electrical power for billing purposes, and these units are measured by various types of maximum demand meters. Kilowatt-hours = Kilowatts x hours.

Other electrical and magnetic units have been adopted from time to time using names of scientists, and are used by Electrical Engineers to determine correct design of various kinds of electrical apparatus. In some cases highly complicated mathematical calculations are necessary. However an understanding of the terms given above would enable any of us more fully to comprehend the vast electrical world around us, and also to visualize what runs up our electric bills.

## From our Family Album



W. A. SAY

is known to all and sundry throughout the plant as Alec.

Alec joined Moffats Limited way back in 1920. Coming to Weston from Corsham, Wiltshire, England, he still retains his native dialect.

Commencing with the old Shipping and Crating Departments, Alec has stayed with his first love, and now is in charge of the Shipping Department.

Alec helped make the old team of workers, Bill Shore, Bill Higgins Sr., Bill Day, Fred Pearce, Alec Robinson, Jack Carter and Bert Thomson, known and respected throughout the entire factory, with their loyalty,

The Christmas and New Years festivities are well behind us, with pleasant memories of happy reunions with kith, kin and friends, remaining with all. May that spirit of goodwill and fellowship go along with one and all during the entire year, and so help us to meet what may lie before us, with clear vision, optimism, and the will to meet and surmount all and everything that may cross our paths, with a cheerful willingness and ready smile.

Our new executives for 1947, have as President, a man who is well known and respected throughout the plant, W. S. "Bill" Newsome, with Art Harris and Jack Smith as Vice President and Secretary Treasurer, respectively.

The Twenty Year Members can confidently look forward to a banner year with these at the head of our organization. Unfortunately, Jack Smith suffered a heart attack on Christmas Day, but I am pleased to relate that he is well on the way to complete recovery, and hope he will soon be able to resume his normal duties.

During the Christmas week, Bill Newsome and yours truly, had the pleasure of visiting all members who are on the retired or sick lists, and we were received royally and with open arms by all. These absent members expressed their appreciation and heartfelt thanks towards the Twenty Year Club, for their continued remembrance and kind thoughts from time to time, and without doubt -- this evidence of the "Human Touch" goes a long way towards making their lives worth the living, and our united hopes are that the indisposed members will soon be restored to a fair measure of health again.

Received a fine Christmas card along with personal good wishes from Lang and D. R. Moffat, together with very cheery and grand letters from Mrs. D. R. Moffat, Harry Coe and George Lack, all expressing their good-wishes to the entire members of the Twenty Year Club



RED SPOT  
**REVIEW**  
A MAGAZINE FOR MOFFAT EMPLOYEES

faithfulness and honest to goodness hard work, a team that never failed, no matter how much work -- it was done, on time and when wanted. Alec always was a handy man with anything, for he can do painting, paperhanging, carpentry etc. and because of his thoroughness, neatness and dispatch makes a fine job of what he does. He is an enthusiastic gardener, and has the happy knack of making all things grow -- without fertilizer or what have you, and is the envy of all his neighbors and friends for the quality and quantity of his produce.

Alec is the "Aristocrat" of the 20 Year Club, for when going to Toronto every week, he always goes by train -- street cars do not supposedly agree with him. He loves browsing and shopping in the big stores, then going to a good show, on to a good dinner and back to another show, thence home by train -- a full day well spent.

All sports and pastimes have a rabid supporter in Alec, especially hockey, and as for dancing, he sure shakes a mean leg and is certainly in his element on the dance floor.

He sure is a family man, with three daughters and two sons, besides being a grandad three times over. Alec is endowed with infinite patience and a kindly way with all, that it is a pleasure to come in contact with him at all times. May he long remain amongst us here in the plant and with his own folk.

May he have good health and every happiness in the coming years -- these are the sincere wishes of all his old friends in the 20 Year Club.

for a real New Year indeed, with health and happiness predominating.

These few lines I have written at the wish of the President, Bill Newsome, as a farewell gesture of the pleasure it has afforded me of penning a monthly message whilst holding office. Sincerely trust I have not in any way seemed too flowery or effusive in my efforts, for behind all of my thoughts, I have tried earnestly to convey goodwill and comradeship at all times, with the hopes it may have helped someone, and should that have been so I am more than amply repaid, for indeed it has been a labor of love to do anything for our Twenty Year Club, without thought for position or station of life.

Moffats Twenty Year Club is exclusive, let us one and all keep it so, with kindly thoughts towards each other, and a willingness to work for the welfare of all, and all for one -- Comradeship and Fellowship, and so I say

Au Revoir,

Jo. Johnson

### SICK COMMITTEE

January	February
H. Shirley	H. Dancey
W. Burlington	H. Barker
H. Martin	J. Woods

### THE TRUTH

A wise man said the other day that perhaps one reason the dollar will not do as much for you as it used to is the fact that no one wants to do as much for a dollar as they used to.

# ANNOUNCEMENTS



## ENGAGEMENTS



Two of the Electric Line girls, Jean Maidment and Janet Church, were the recipients of diamonds over the Christmas holiday. Best wishes girls!!

Jean Warburton, of the Radio Department, is a very happy girl these days. She recently received an engagement ring. Best wishes Jean!

Another Radio Department employee was very proudly displaying a diamond not so long ago. She is "Mike" McCann. Good luck to you "Mike"!



## MARRIAGES



Art Neil, of the Steel Room, and Sylvia Collins, of the Assembly Line were recently married. Best wishes to you both in your new life!



## BIRTHS



Ernie Toms, of the Engineering Department, became the proud father of a bouncing baby boy, on Monday, January 13th. Congratulations Ernie!!

One of the Heavy Duty boys is very happy these days. He is Jack Wickson -- and the reason? -- Why of course -- a baby boy.

**DRIVE CAREFULLY**

**YOU MAY SAVE A LIFE**

**WALK CAREFULLY**

**YOU MAY SAVE YOUR LIFE**